PORTLAND HARBOR RI/FS REMEDIAL INVESTIGATION REPORT

APPENDIX B DEQ SEPTEMBER 2010 MILESTONE REPORT TABLE 1

DRAFT FINAL

							River. or th	e "River Mile" associa	ted with their	r location: the River Mile inc	dicates distance f	rom the Willamette Riv	er's conflue	ence with	the Columbia Rive	r.								
			suspected so nation	ources of	contamination to the					Source Con	trol Evalu	ation (SCE)				Source	e Contro	l Decisions	(SCDs) ar	nd Status of	Source Con	trol Me	easures (SCMs)
Site name	ECSI#	River mile	Address	DEQ PM	Type of agreement directing source control	Project status	Date last modified (m-d-y)	SCE Pathway	Status of SCE	Major SCE tasks to be completed	Schedule for completing SCE	Basis for determination need		Site priority level	Status of EPA review of SCE decision	Source control alternatives evaluation and schedule (m-y)	Selected SCMs	Status of EPA review of SCM selection decision	SCM activities completed to date (m-y)	Mass or volume of contaminants controlled	Additonal Proposed SCM activities to be done and schedule (m- y)	Date SCM completed (m-y)	Status of EPA review of completed SCM	Operaton and maintenance requirements
Terminal 5	1686	1.5 E	15540, 15550, & 15560 N Lombard	Tom Gainer	IGA	NFA	02/19/09	Overland Transport/Sheet Flow	N/A	NA	N/A	N/A	none		N/A	N/A	NA	NA	NA	NA	NA	NA	NA	NA
Terminal 5	1686	1.5 E	15540, 15550, & 15560 N Lombard	Tom Gainer	IGA	NFA	02/19/09	Bank Erosion	N/A	NA	N/A	N/A	none		N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA
Terminal 5	1686	1.5 E	15540, 15550, & 15560 N Lombard	Tom Gainer	IGA	NFA	02/19/09	Groundwater	Completed	NA		Insignificant pathway; no actions recommended	Low	Low	SCE submitted to EPA 6/07 - EPA comments received 6/07									
Terminal 5	1686	1.5 E	15540, 15550, & 15560 N Lombard	Tom Gainer	IGA	NFA	02/19/09	Stormwater	Completed	NA		Insignificant pathway; no actions recommended	Low		SCE submitted to EPA 6/07 - EPA comments received 6/07									
Terminal 5	1686	1.5 E	15540, 15550, & 15560 N Lombard	Tom Gainer	IGA	NFA	02/19/09	Overwater Activities	N/A	N/A	N/A	N/A	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Terminal 5	1686	1.5 E	15540, 15550, & 15560 N Lombard	Tom Gainer	IGA	NFA	02/19/09	Other	N/A	N/A	N/A	N/A	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Oregon Steel Mills	141	2.2 E	14400 N Rivergate	Jennifer Sutter	PH Agr for RI/SCM (6/00)	RI	08/03/10	Overland Transport/Sheet Flow	N/A	N/A	N/A	no pathway; berm prevents overland transport/sheet flow	None	-	N/A	N/A Original permit for	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Oregon Steel Mills	141	2.2 E	14400 N Rivergate	Jennifer Sutter	PH Agr for RI/SCM (6/00)	RI	08/03/10	Bank Erosion	Completed		SCE is part of June 06 Alternatives Evaluation	Pathway is complete	High		Deferred to Alternatives Evaluation	shoreline action withdrawn based on Agency input. New permit with modified design to be submitted once additional shoreline sampling results evaluated.		Evaluating path forward considering EPA/Natural Resource Trustee comments						
Oregon Steel Mills	141	2.2 E	14400 N Rivergate	Jennifer Sutter	PH Agr for RI/SCM (6/00)	RI	08/03/10	Groundwater (UST & AST AOCs)	Completed			Insignificant pathway; no actions recommended	Low		SCE submitted to EPA 10/2004; no comments received		Soil removal completed at time of spill, prior to SCE						SCE submitted to EPA 10/2004: no comments received	Operation and Maintenance requiremen
Oregon Steel Mills	141	2.2 E	14400 N Rivergate	Jennifer Sutter	PH Agr for RI/SCM (6/00)	RI	08/03/10	Groundwater (other AOCs)	Ongoing	DEQ SCE memo for EPA in preperation	1st qtr 2011	Pathway is complete	Medium	High	Pending completion of SCE									
Oregon Steel Mills	141	2.2 E	14400 N Rivergate	Jennifer Sutter	PH Agr for RI/SCM (6/00)	RI	08/03/10	Stormwater	Completed			Pathway is complete	High		SCE is part of Alternatives Evaluation	alternative evaluation completed 2006	End of pipe treatment	EPA agreed with proposed approach 9/14/06	Full-scale pilot operating 10/07; end of pipe treatment expanded to central outfall Fall 2008; loading evaluation approved 2010 however, evaluating appropriate treatment chemical		pilot testing completed, loading evaluation approved 2010, evaluating treatment chemical			
Oregon Steel Mills	141	2.2 E	14400 N Rivergate	Jennifer Sutter	PH Agr for RI/SCM (6/00)	RI	08/03/10	Overwater Activities	N/A	N/A	N/A	No known current sources (spills reported to OERS)	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Oregon Steel Mills	141	2.2 E	14400 N Rivergate	Jennifer Sutter	PH Agr for RI/SCM (6/00)	RI	08/03/10	Other - current NPDES permitted discharge	Completed	N/A	Addressed under NPDES permit	Pathway addressed via NPDES permit	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Esco Landfill Sauive Island		2.6	14444 NW Gillihan Loop	No PM Assigned	Industrial landfill disposal permit	Solid Waste Landfill Permit Solid	08/20/08	Overland Transport/Sheet Flow	N/A	N/A	N/A	N/A	none			N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Esco Landfill Sauive Island		2.6	14444 NW Gillihan Loop	No PM Assigned	Industrial landfill disposal permit	Waste Landfill Permit Solid	08/20/08	Bank Erosion	N/A	N/A	N/A	N/A	none			N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Esco Landfill Sauive Island		2.6	14444 NW Gillihan Loop	No PM Assigned	Industrial landfill disposal permit	Waste Landfill Permit Solid	08/20/08	Groundwater	N/A	N/A	N/A	N/A	none	Low		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Esco Landfill Sauive Island	4409	2.6	14444 NW Gillihan Loop	No PM Assigned	Industrial landfill disposal permit	Waste Landfill Permit Solid	08/20/08	Stormwater	N/A	N/A	N/A	N/A	none			N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Esco Landfill Sauive Island Esco Landfill	4403		14444 NW Gillihan Loop	No PM Assigned	Industrial landfill disposal permit	Waste Landfill Permit Solid Waste	08/20/08	Overwater Activities	N/A	N/A	N/A	N/A	none			N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Sauive Island		2.6	Gillihan Loop	Assigned	disposal permit	Landfill Permit	08/20/08	Other	N/A	N/A	N/A	N/A	none			N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Consolidated Metco Consolidated		2.8 E	3940 N Rivergate	Mike Romero Mike	PH Letter Agr for XPA		06/30/10	Overland Transport/Sheet Flow	N/A	N/A	N/A	N/A	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Metco		2.8 E	Rivergate	Romero	PH Letter Agr for XPA		06/30/10	Bank Erosion	N/A	N/A	N/A	N/A	none		N/A Anticipate providing	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Consolidated Metco	3295	2.8 E	3940 N Rivergate	Mike Romero	PH Letter Agr for XPA	XPA	06/30/10	Groundwater	Completed	None	N/A	Incomplete pathway	none		SCE to EPA 2nd Qtr 2011									

The column					ources of	contamination to the					Source Con	trol Evalu	ation (SCF)				Source	e Contro	l Decisions	s (SCDs) ar	nd Status of	f Source Con	trol Ma	ageurae (SCMe)
Part		Sit	e infor	mation	I	Projec	t status				Jource John	Tuoi Evalu					Joure	- COILLO	Decisions	, (OOD3) ai	ia otatus o	Toource con	101 1410	casules (
Part	Site name	FCSI #		Address	DEO PM				SCE Pathway					ded		Status of EPA		Selected SCMs				SCM activities to be			Operaton and
Part	one name	2001.	" mile	7144.000	524		status		002 : aa,	SCE	completed	completing SCE	Pathway determination	priority	priority			Colocida Como							requirements
No.		3295	2.8 E			PH Letter Agr for XPA	ХРА	06/30/10	Stormwater	Completed			Complete			SCE to EPA 2nd Qtr		stormsewer lines, proposed line repair options and post SCM		repair completed 2nd		ongoing - anticipate providing EPA summary of remedy effectiveness			
Marcha M		3295	2.8 E			PH Letter Agr for XPA	XPA	06/30/10	Overwater Activities	N/A	N/A	N/A	N/A	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Part		3295	2.8 E			PH Letter Agr for XPA	XPA	06/30/10	Other	N/A	N/A	N/A	N/A	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Part	PGE Harborton	n 2353	3.2 W				Completed SCD	03/06/06		N/A	N/A	N/A	N/A	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Part	PGE Harbortor	n 2353	3.2 W				Completed SCD	03/06/06	Bank Erosion	Completed				Low				No SCM needed							
Control Cont	PGE Harborton	n 2353	3.2 W				Completed SCD	03/06/06	Groundwater	Completed				Low	Low			No SCM needed							
The color The	PGE Harbortor	n 2353	3.2 W		Matt McClincy		Completed SCD	03/06/06	Stormwater	Completed				Low				No SCM needed							
The City 17 24 18 18 18 18 18 18 18 1	PGE Harbortor	n 2353	3.2 W				Completed SCD	03/06/06	Overwater Activities	N/A	N/A	N/A	N/A	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Trick City Tri	PGE Harbortor	n 2353	3.2 W					03/06/06	Other	N/A	N/A	N/A	N/A	none			N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Time Cit 17 2	Time Oil	170	3.4 E			Pre-PH Agr. (9/96)	BRA	07/06/10		Completed	None	First Quarter 2011	Incomplete pathway	none		submitted to EPA when stormwater assessment is									
Time OI 77 3.4 3.5 1	Time Oil	170	3.4 E	10350 Time Oil Rd		Pre-PH Agr. (9/96)	BRA	07/06/10	Bank Erosion	Completed	None	First Quarter 2011		p Low		SCE will be submitted to EPA when stormwater assessment is									
Time Cut 170 3.4 E 1030 Time Cut 170 3.4 E 170 Time Cut 170 Time	Time Oil	170	3.4 E	10350 Time Oil Rd	Ken Thiessen	Pre-PH Agr. (9/96)	BRA	07/06/10		Completed	None	First Quarter 2011	Pathway is complete. GW Monitoring ongoing	Medium		SCE will be submitted to EPA when stormwater assessment is	removal in tank farm area	a area soil to be							
Completed Control Fig.	Time Oil	170	3.4 E	10350 Time Oil Rd		Pre-PH Agr. (9/96)	BRA	07/06/10	Terminal Petroleum	Completed	None	First Quarter 2011	Pathway is incomplete. GW Monitoring ongoing	p Low	Modium	submitted to EPA when stormwater assessment is									
Time Oil 170 3.4 E	Time Oil	170	3.4 E	10350 Time Oil Rd	Ken Thiessen	Pre-PH Agr. (9/96)	BRA	07/06/10		Completed			migration and prevent penta discharge to private stormwater	Medium	- Today		alternatives evaluation completed 2004	pump & treat; insitu chemical oxidation (ISCO); gw to sw intercept pump & treat, plans for additional source area soil removal	selection submitted to EPA May 2004; partners responded	treat provides containment; 4 rounds of ISCO conducted through	gallons of groundwater pumped and treated, ISCO has treated groundwater insitu (no estimate of	pump & treat; evaluation of ISCO effectiveness TBD - bioremediation			Ongoing maintenance and nonitoring of pump & treat system
Time Oil 170 3.4 E 170 1	Time Oil	170	3.4 E	10350 Time Oil Rd	Ken Thiessen	Pre-PH Agr. (9/96)	BRA	07/06/10	Stormwater	Ongoing		4th Quarter 2010	Pathway is complete	p Low		phase to be									
Time Oil 170 3.4 E 10360 Time Oil 170 170 170 170 170 170 170 170 170 170	Time Oil	170	3.4 E	Rd	Thiessen	Pre-PH Agr. (9/96)	BRA	07/06/10	Overwater Activities	N/A	N/A	N/A	sources (no spills	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Portland Various Outstalls Various Outstalls Various Outstalls Various Outstalls O		170	3.4 E	10350 Time Oil Rd	Ken Thiessen	Pre-PH Agr. (9/96)	BRA	07/06/10	Other	N/A	N/A	N/A		none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Portland Outfalls Various Outfalls 3.5 to Portland various Or formal outfalls Various Outfalls N/A	Portland Outfalls	various	3.5 to 9.2	various		IGA for RI SCM (8/03)	RI	08/05/10		N/A	N/A	N/A	N/A	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
City of Portland various Portland Various Vari	Portland	various	3.5 to 9.2	various		IGA for RI SCM (8/03)	RI	08/05/10	Bank Erosion	N/A	N/A	N/A	N/A	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
I UIIII III	City of	various	3.5 to 9.2	various		IGA for RI SCM (8/03)	RI	08/05/10	Groundwater	N/A	N/A	N/A	N/A	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

					urces of	contamination to th					Source Con	trol Evalu	uation (SCF)				Source	ce Control	Decisions	(SCDs) ar	nd Status o	f Source Con	trol Ma	ageurae (SCMs)
	S	ite inf	ormatio	n		Projec	t status			I	Jource Join	Turn Lvaic	Basis for determination	that source	control is		Journ		Decisions	(00D3) ai	ia otatus o		101 141	casuics (OOWIS)
Site name	ECS	Rive		ress	DEQ PM	Type of agreement directing source	Project status	Date last modified	SCE Pathway	Status of SCE	Major SCE tasks to be	Schedule for	need			Status of EPA review of SCE	Source control alternatives evaluation	Selected SCMs	Status of EPA review of SCM	SCM activities completed to date	Mass or volume of contaminants	Additional Proposed SCM activities to be	completed	Status of EPA review of	Operaton and maintenance
		mile	ie			control	status	(m-d-y)		SCE	completed	completing SCE	Pathway determination	priority level	priority level	decision	and schedule (m-y)		selection decision	(m-y)	controlled	done and schedule (m- y)	(m-y)	completed SCM	requirements
City of Portland Outfalls	vario	3.51 9.2	to var	ious	Karen Tarnow	IGA for RI SCM (8/03)	RI	08/05/10	Stormwater	Ongoing	Complete outfall basin characterizations, site-specifc investigations and source control.	Ongoing (corresponding to Portland Harbor ROD)	Pathway is complete; priority varies from basin to basin	to be determined	to be determin ed	Waiting on SCE to be completed.		Final SCM TBD. Ongoing SW inspections, investigations of illicit discharges, identification of potential contributors to City system. Site- specific catch basin cleanouts, line cleaning, and implementation of BMPs							
City of Portland Outfalls	vario	3.5 t 9.2	to var	ious	Karen Tarnow	IGA for RI SCM (8/03)	RI	08/05/10	Overwater Activities	N/A	N/A	N/A	N/A	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
City of Portland Outfalls	vario	ous 3.5 1 9.2	to 2 var	ious	Karen Tarnow	IGA for RI SCM (8/03)	RI	08/05/10	Other	N/A	N/A	N/A	N/A	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Georgia Pac Linnton	fic 237	70 3.5 \		2 NW rina	Tom Gainer	PH Letter Agr for XPA (10/99)	XPA	06/12/06	Overland Transport/Sheet Flow	Completed			Insignificant pathway; no actions recommended	Low		EPA reviewed in 2000 and did not provide comments		No SCM needed							
Georgia Pac Linnton	fic 237	70 3.5 \	W 1222 Ma	2 NW rina	Tom Gainer	PH Letter Agr for XPA (10/99)	XPA	06/12/06	Bank Erosion	N/A	N/A	N/A	N/A	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Georgia Pac Linnton	fic 237	70 3.5 \	W 1222 Ma	2 NW rina	Tom Gainer	PH Letter Agr for XPA (10/99)	ХРА	06/12/06	Groundwater	Completed	10/2001 DEQ concluded not a current source. 5/2002 DEQ requesteded aditional groundwater work based on new PH strategies. 8/2002 GP declined. DEQ considers groundwater pathway not fully characterized, but not a high prioirty.			Low	Low	EPA reviewed in 2000 and did not provide comments	NA	No SCM needed	NA	NA	NA	NA NA	NA	NA	N/A
Georgia Pac Linnton	fic 237	70 3.5 \		2 NW rina	Tom Gainer	PH Letter Agr for XPA (10/99)	XPA	06/12/06	Stormwater	N/A	N/A	N/A	N/A	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Georgia Pac Linnton	fic 237	70 3.5 \	W 1222 Ma	2 NW rina	Tom Gainer	PH Letter Agr for XPA (10/99)	XPA	06/12/06	Overwater Activities	N/A	N/A	N/A	No known current sources (spills reported to OERS)	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Georgia Pac Linnton	fic 237	70 3.5 \		2 NW rina	Tom Gainer	PH Letter Agr for XPA (10/99)	XPA	06/12/06	Other	N/A	N/A	N/A	N/A	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
ACF Industri	es 794	4 3.6 \		NW St lens	Dan Hafley	Unilateral Order (8/00)	NFA	11/28/06	Overland Transport/Sheet Flow	N/A	N/A	N/A	N/A	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
ACF Industri	es 794	4 3.6 \		NW St lens	Dan Hafley	Unilateral Order (8/00)	NFA	11/28/06	Bank Erosion	N/A	N/A	N/A	N/A	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
ACF Industri	es 794	4 3.6 \		NW St lens	Dan Hafley	Unilateral Order (8/00)	NFA	11/28/06	Groundwater	Completed			Insignificant pathway; no actions recommended	Low		SCE submitted to EPA (10/04); no comments		No SCM needed						SCM submitted to EPA (10/04). No comments.	
ACF Industri	es 794	4 3.6 \	W 12160 He	NW St ens	Dan Hafley	Unilateral Order (8/00)	NFA	11/28/06	Stormwater	Completed			Currently insignificant pathway; stormwater pipe suspected past migration pathway	Low	Low	SCE submitted to EPA (10/04); no comments		Completed FS proposes removal of contaminated offsite soil potentially available for transport to river.	SCM submitted to EPA (10/04). No comments	6,400 tons of contaminated soil removed in 2006 and site capped with 1.5 feet of clean fill in 2007				SCM submitted to EPA (10/04). No comments.	
ACF Industri	es 794	4 3.6 \		NW St lens	Dan Hafley	Unilateral Order (8/00)	NFA	11/28/06	Overwater Activities	N/A	N/A	N/A	N/A	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
ACF Industri	es 794	4 3.6 \		NW St lens	Dan Hafley	Unilateral Order (8/00)	NFA	11/28/06	Other	N/A	N/A	N/A	N/A	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Linnton Oil F Training Grounds		39 3.6 \		Marina ay	Tom Gainer	IGA	NFA	03/02/06	Overland Transport/Sheet Flow	Completed			Insignificant pathway; no actions recommended	Low		Complete									
Linnton Oil F Training Grounds		39 3.6 \		Marina ay	Tom Gainer	IGA	NFA	03/02/06	Bank Erosion	Completed			Insignificant pathway; no actions recommended	Low		Complete									
Linnton Oil F Training Grounds	ire 118	39 3.6 \	w www.w	Marina 'ay	Tom Gainer	IGA	NFA	03/02/06	Groundwater	Completed			Currently no complete pathway; groundwater monitoring to confirm plume stability	Low	Low	Complete									Annual groundwater monitoring (conditional NFA)

			•	ources of	contamination to th					Source Con	trol Evalu	ation (SCE)				Sourc	e Contro	Decisions	e (SCDe) ar	nd Status o	f Source Con	trol Ma	ascurae (SCMe)
	Site	inforn	mation		Project	t status				Source Con	tioi Evaid					Sourc	Contro	Decisions	(SCDS) ai	iu Status U	T Source Con	LI OI IVI	casui es (JCIVIS)
		River			Type of agreement	Project	Date last		Status of	Major SCE tasks to be	Schedule for	Basis for determination need		control is	Status of EPA	Source control		Status of EPA	SCM activities	Mass or volume of	Additonal Proposed SCM activities to be	Date SCM		Operaton and
Site name	ECSI#	mile	Address	DEQ PM	directing source control	status	modified (m-d-y)	SCE Pathway	SCE	completed	completing SCE	Pathway determination	Pathway priority level	Site priority level	review of SCE decision	alternatives evaluation and schedule (m-y)	Selected SCMs	review of SCM selection decision	completed to date (m-y)	contaminants controlled	done and schedule (m- y)	completed (m-y)	review of completed SCM	maintenance requirements
Linnton Oil Fire Training Grounds	1189	3.6 W	NW Marina Way	Tom Gainer	IGA	NFA	03/02/06	Stormwater	Completed			Insignificant pathway; no actions recommended	Low	LOW	Complete									
Linnton Oil Fire Training Grounds	1189	3.6 W	NW Marina Way	Tom Gainer	IGA	N/A	03/02/06	Overwater Activities	N/A	N/A	N/A	N/A	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Linnton Oil Fire Training Grounds	1189	3.6 W	NW Marina Way	Tom Gainer	IGA	N/A	03/02/06	Other	N/A	N/A	N/A	N/A	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Premier Edible Oils	2013	3.6 E	10400 N Burgard	Ken Thiessen	PH Agr for RI/SCM (7/01)	RI	07/06/10	Overland Transport/Sheet Flow	Ongoing	To be evaluated as part of stormwater evaluation	Estimated Fourth Quarter 2011	Pending	p Low	High										
Premier Edible Oils	2013	3.6 E	10400 N Burgard	Ken Thiessen	PH Agr for RI/SCM (7/01)	RI	07/06/10	Bank Erosion	Ongoing	Additional sampling needed	Estimated Fourth Quarter 2011	Pending	p Low											
Premier Edible Oils	2013	3.6 E	10400 N Burgard	Ken Thiessen	PH Agr for RI/SCM (7/01)	RI/SCE	07/06/10	Stormwater	Ongoing	Complete stormwater system characterization	Estimated Fourth Quarter 2011	Pending	p Low			N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Premier Edible Oils	2013	3.6 E	10400 N Burgard	Ken Thiessen	PH Agr for RI/SCM (7/01)	RI/SCE	07/06/10	Overwater Activities	Ongoing	N/A	N/A	NA	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Premier Edible Oils	2013	3.6 E	10400 N Burgard	Ken Thiessen	PH Agr for RI/SCM (7/01)	RI/SCE	07/06/10	Groundwater and LNAPL to surface water at site shoreline	Completed	None	N/A adequate documentation exists	Complete	High			SCM Evaluation (FFS) in preparation								
RoMar Realty of Oregon	2437	3.6 E	9333 N Time Oil	Tom Gainer	PH Ltr Agr for XPA	NFA	06/12/06	Overland Transport/Sheet Flow	Completed			Insignificant pathway; no actions recommended	Low		SCE submitted to EPA (3/06); DEQ responds 4/06									
RoMar Realty of Oregon	2437	3.6 E	9333 N Time Oil	Tom Gainer	PH Ltr Agr for XPA	NFA	06/12/06	Bank Erosion	Completed			Insignificant pathway; no actions recommended	Low		N/A									
RoMar Realty of Oregon	2437	3.6 E	9333 N Time Oil	Tom Gainer	PH Ltr Agr for XPA	NFA	06/12/06	Groundwater	Completed			Insignificant pathway; no actions recommended	Low	Low	SCE submitted to EPA (3/06); DEQ responds 4/06									
RoMar Realty of Oregon	2437	3.6 E	9333 N Time Oil	Tom Gainer	PH Ltr Agr for XPA	NFA	06/12/06	Stormwater	Completed			Insignificant pathway; no actions recommended	Low		SCE submitted to EPA (3/06); DEQ responds 4/06									
RoMar Realty of Oregon	2437	3.6 E	9333 N Time Oil	Tom Gainer	PH Ltr Agr for XPA	NFA	06/12/06	Overwater Activities	N/A	N/A	N/A	N/A	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
RoMar Realty of Oregon	2437		9333 N Time Oil	Tom Gainer	PH Letter Agrifor XPA	NFA	06/12/06	Other	N/A	N/A	N/A	N/A	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Smurfit Jefferson			Burgard 9930 N	McClincy Matt	PH Letter Agr for XPA (12/00) PH Letter Agr for XPA		03/06/06	Transport/Sheet Flow	N/A	N/A	N/A	N/A	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Smurfit Jefferson	2371		Burgard 9930 N	McClincy Matt	(12/00) PH Letter Agr for XPA	XPA XPA	03/06/06	Bank Erosion Groundwater	N/A Completed	N/A	N/A	N/A Insignificant pathway; no	none		N/A EPA Reviewed and commented	N/A	N/A No SCM needed	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Smurfit Jefferson Smurfit	2371		9930 N Burgard	McClincy Matt McClincy	(12/00) PH Letter Agr for XPA (12/00)	XPA	03/06/06	Stormwater	Completed			actions recommended Insignificant pathway; no actions recommended	Low	Low	10/20/02 EPA Reviewed and commented		No SCM needed							
Jefferson Smurfit	2371	3.7 E	9930 N Burgard	Matt McClincy	PH Letter Agr for XPA (12/00)	XPA	03/06/06	Overwater Activities	N/A	N/A	N/A	N/A	none		10/20/02 N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Jefferson Smurfit	2371	3.7 E	9930 N Burgard	Matt McClincy	PH Letter Agr for XPA (12/00)	XPA	03/06/06	Other	N/A	N/A	N/A	N/A	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Owens-Corning Fiberglass (Trumbull Asp)	1036	3.8 W	11444 NW St Helens	Shawn Rapp	PH Letter Agr for XPA (12/99)	XPA	07/01/10	Overland Transport/Sheet Flow	Ongoing	Review draft SCE	4th Qtr 2010	Insignificant pathway; no actions recommended	p Low		Pending completion of SCE									
Owens-Corning Fiberglass (Trumbull Asp)	1036	3.8 W	11444 NW St Helens	Shawn Rapp	PH Letter Agr for XPA (12/99)	XPA	07/01/10	Bank Erosion	Ongoing	Review draft SCE	4th Qtr 2010	Insignificant pathway; no actions recommended	p Low		Pending completion of SCE									
Owens-Corning Fiberglass (Trumbull Asp)	1036	3.8 W	11444 NW St Helens	Shawn Rapp	PH Letter Agr for XPA (12/99)	XPA	07/01/10	Groundwater	Ongoing	Review draft SCE	4th Qtr 2010	Insignificant pathway; no actions recommended	p Low	P Low	Pending completion of SCE									
Owens-Corning Fiberglass (Trumbull Asp)	1036	3.8 W	11444 NW St Helens	Shawn Rapp	PH Letter Agr for XPA (12/99)	XPA	07/01/10	Stormwater	Ongoing	Review draft SCE	4th Qtr 2010	Waiting on SCE to be completed	p Low		Pending completion of SCE									
Owens-Corning Fiberglass (Trumbull Asp)	1036	3.8 W	11444 NW St Helens	Shawn Rapp	PH Letter Agr for XPA (12/99)	XPA	07/01/10	Overwater Activities	N/A	N/A	N/A	N/A	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

	Conf	irmed o	r suspecte	d source	es of co	ontamination to th	ne river		j		C C	tual Evalu					C	- 0	Daniniana	· (CCD-)	Ct-t	f Carrera Carr	4mal M.		2014-)
	Si	ite info	rmation			Project	status	1		Т	Source Con	troi Evaiu				Т	Sourc	e Contro	Decisions	s (SCDS) ar	ia Status o	f Source Con	itroi ivie	easures (JCIVIS)
Site name	ECSI	River mile	Addres	s DEC	Q PM	Type of agreement directing source control	Project status	Date last modified (m-d-y)	SCE Pathway	Status of SCE	Major SCE tasks to be completed	Schedule for completing SCE	Basis for determination need		Site priority	Status of EPA review of SCE decision	Source control alternatives evaluation and schedule (m-y)	Selected SCMs	Status of EPA review of SCM selection decision	SCM activities completed to date (m-y)	Mass or volume of contaminants controlled	Additonal Proposed SCM activities to be done and schedule (m-	Date SCM completed (m-y)	Status of EPA review of completed SCM	Operaton and maintenance requirements
Owens-Corning Fiberglass	103	6 3.8 W	, 11444 NV		nawn F	PH Letter Agr for XPA	XPA	07/01/10	Other	N/A	N/A	N/A	N/A	level	level	N/A	N/A	N/A	N/A	N/A	N/A	y) N/A	N/A	N/A	N/A
(Trumbull Asp) Schnitzer Burgard	532-	4 3.8 E	12005 I	l lim	app n Orr	(12/99) PH Agr for RI/SCM	RI	07/29/10	Overland	Ongoing	Investigation scope of work	TBD	Waiting on SCE to be	p High		Waiting on SCE									
Industrial Park	k		Burgari 12005 I			(3/00) PH Agr for RI/SCM			Transport/Sheet Flow		under review		completed Waiting on SCE to be		-	completion Waiting on SCE									
Burgard Industrial Park	5324	4 3.8 E	Burgare		n Orr	(3/00)	RI	07/29/10	Bank Erosion	Ongoing	Additional sampling needed	TBD	completed	p Med	_	completion									
Schnitzer Burgard Industrial Park	5324	4 3.8 E	12005 I Burgare		n Orr	PH Agr for RI/SCM (3/00)	RI	07/29/10	Groundwater	Ongoing	Additional groundwater characterization	TBD	Waiting on SCE to be completed	p Med	pHigh	Waiting on SCE completion									
Schnitzer Burgard Industrial Park	5324	4 3.8 E	12005 I Burgan		n Orr	PH Agr for RI/SCM (3/00)	RI	07/29/10	Stormwater	Ongoing	Additional stormwater characterization	TBD	Waiting on SCE to be completed	p High		Waiting on SCE completion									
Schnitzer Burgard Industrial Park	5324	4 3.8 E	12005 I Burgare		n Orr	PH Agr for RI/SCM (3/00)	RI	07/29/10	Overwater Activities	N/A	N/A	N/A	N/A	N/A		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Schnitzer Burgard Industrial Park	5324	4 3.8 E	12005 I Burgare	Jim	n Orr	PH Agr for RI/SCM (3/00)	RI	07/29/10	Other	N/A	N/A	N/A	N/A	N/A		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
NW Pipe	138	3.9 E	12005 I Burgare		n Orr	PH Agr for RI/SCM (2/05)	RI	07/29/10	Overland Transport/Sheet Flow	N/A	N/A	N/A	N/A	N/A		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
NW Pipe	138	3.9 E	12005 I Burgar	Jim	n Orr	PH Agr for RI/SCM (2/05)	RI	07/29/10	Bank Erosion	N/A	N/A	N/A	N/A	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
NW Pipe	138	3.9 E	12005 I Burgare		n Orr	PH Agr for RI/SCM (2/05)	RI	07/29/10	Groundwater	Ongoing	SCE report in revision	4th Quarter 2011	Not believed to be a complete pathway	none		Waiting on SCE to be completed									
NW Pipe	138	3.9 E	12005 I Burgar		n Orr	PH Agr for RI/SCM (2/05)	RI	07/29/10	Stormwater	Ongoing	SCE report in revision	4th Quarter 2011	SW suspected migration pathway	p Med	p Med	Waiting on SCE to be completed									
NW Pipe	138	3.9 E	12005 I Burgar		n Orr	PH Agr for RI/SCM (2/05)	RI	07/29/10	Overwater Activities	N/A	N/A	N/A	N/A	none	_	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
NW Pipe	138	3.9 E	12005 I Burgare	l Jim	n Orr	PH Agr for RI/SCM (2/05)	RI	07/29/10	Other	N/A	N/A	N/A	N/A	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Schnitzer Stee	el 235	5 4.0 E	12005 I Burgan		n Orr	PH Agr for RI/SCM (3/00)	RI	07/29/10	Overland Transport/Sheet Flow	Ongoing	Additional sampling needed	4th Quarter 2011	Waiting on SCE to be completed	p High		Waiting on SCE to be completed				Asphalt berm constructed in summer 2009 along 925 feet of landward edge of Schnitzer dock to help prevent overland runoff to slip					
Schnitzer Stee	el 235	5 4.0 E	12005 I Burgare		n Orr	PH Agr for RI/SCM (3/00)	RI	07/29/10	Bank Erosion	Ongoing	Additional sampling needed	4th Quarter 2011	Waiting on SCE to be completed	p Med		Waiting on SCE to be completed									
Schnitzer Stee	235	5 4.0 E	12005 I Burgare		n Orr	PH Agr for RI/SCM (3/00)	RI	07/29/10	Groundwater	Ongoing	ongoing monitoring	4th Quarter 2011	Waiting on SCE to be completed	p Med	p High	Waiting on SCE to be completed									
Schnitzer Stee	el 235	5 4.0 E	12005 I Burgare		n Orr	PH Agr for RI/SCM (3/00)	RI	07/29/10	Stormwater	Ongoing	Ongoing monitoring - and engineering improvements including stormwater filtration and storage	4th Quarter 2011	Complete	p High		Waiting on SCE to be completed		Signicant stormwater system uplgrades in progress							
Schnitzer Stee	el 235	5 4.0 E	12005 I Burgare		n Orr	PH Agr for RI/SCM (3/00)	RI	07/29/10	Overwater Activities	Not Started	To be determined	4th Quarter 2011	Waiting on SCE to be completed	p Med		Waiting on SCE to be completed									
Schnitzer Stee	el 235	5 4.0 E	12005 I Burgar	Jim	n Orr	PH Agr for RI/SCM (3/00)	RI	07/29/10	Air Deposition	Not Started	To be determined	4th Quarter 2011	Waiting on SCE to be completed	p Med		Waiting on SCE to be completed									
Kinder Morgar (Aka GATX)		6 4.2 W	, 11400 NV Helens		like mero	PH Agr for RI/CSM (3/00)	RI	06/30/10	Overland Transport/Sheet Flow	N/A	N/A	N/A	N/A	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Kinder Morgar (Aka GATX)	n 109	6 4.2 W	11400 NV Helens		like mero	PH Agr for RI/SCM (6/00)	RI	06/30/10	Bank Erosion	Ongoing	To be determined	1st qtr 2011	Physical evalution of bank, sampling if possible 4th quarter 2010	to be determined		Waiting on SCE to be complete									

	Conf	irmed or	suspected se	ources of	contamination to th	ne river				0	(F	(OOE)				0	- 01	. D	(00D-)	- 1 01-1		4		2014-1
	Si	te infor	mation	ı	Project	t status				Source Con	troi Evaiu				T	Sourc	e Contro	Decisions	s (SCDs) ar	nd Status of	f Source Con	troi Me	easures (SCIVIS)
Cit		" River	Address	DEO DM	Type of agreement	Project	Date last	COE Bathanan	Status of	Major SCE tasks to be	Schedule for	Basis for determination need		control is	Status of EPA	Source control	Calanta d COMa	Status of EPA	SCM activities	Mass or volume of	Additonal Proposed SCM activities to be	Date SCM	Status of EPA	Operaton and
Site name	ECSI	# mile	Address	DEQ PM	directing source control	status	modified (m-d-y)	SCE Pathway	SCE	completed	completing SCE	Pathway determination		Site priority level	review of SCE decision	alternatives evaluation and schedule (m-y)	Selected SCMs	review of SCM selection decision	completed to date (m-y)	contaminants controlled	done and schedule (m- y)	completed (m-y)	review of completed SCM	maintenance requirements
Kinder Morg (Aka GATX		6 4.2 W	11400 NW St Helens	Mike Romero	PH Agr for RI/SCM (6/00)	RI	06/30/10	Groundwater	Ongoing	RP will conduct IRAM effectiveness evaluation and FFS for barrier wall installation	1st qtr 2011	LNAPL seeps on shoreline and dissolved petroleum likely discharging to river	p High	p High	Waiting on SCE to be complete		Interim LNAPL removal and groundwater pump and treat system in operation, FFS for barrier wall is in development phase							
Kinder Morg (Aka GATX	jan () 109	6 4.2 W	11400 NW St Helens	Mike Romero	PH Agr for RI/SCM (6/00)	RI	06/30/10	Stormwater	Ongoing	Stormwater SCE received, DEQ review and approval need.	3rd Qtr 2010	to be determined	to be determined		Waiting on SCE to be complete									
Kinder Morg (Aka GATX	jan () 109	6 4.2 W	11400 NW St Helens	Mike Romero	PH Agr for RI/SCM (6/00)	RI	06/30/10	Overwater Activities	N/A	N/A	N/A	N/A	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Kinder Morg (Aka GATX	jan () 109	6 4.2 W	11400 NW St Helens	Mike Romero	PH Agr for RI/SCM (6/00)	RI	06/30/10	NPDES Permit for groundwater treatment discharge	Ongoing	GW treatment system & oil/water separator on NPDES - Evaluate existing data set	3rd qtr 2010	Waiting on SCE to be completed	p Low		Waiting on SCE to be complete									
Terminal 4 S	Slip 2356	6 4.3 E	11040 N Lombard	Tom Gainer	PH Agr for RI/SCE	RI	08/02/10	Overland Transport/Sheet Flow	N/A	N/A	N/A	N/A	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Terminal 4 S	2350 2350	6 4.3 E	11040 N Lombard	Tom Gainer	PH Agr for RI/SCE	RI	08/02/10	Bank Erosion	Completed	SCM necessary; coordinate with T4 Early Action	Tied to T4 Early Action schedule	Pathway is complete	Low		Tied to T4 Early Action schedule	Part of T-4 Early Action Process	Сар	Selected SCMs	Wheeler Bay SCMs 10-08	Completion report submitted 9-09	Wheeler Bay bank regraded and capped fall 2008	10-08	EPA reviewed and commented.	periodic inspection and maintenance
Terminal 4 S	Slip 235	6 4.3 E	11040 N Lombard	Tom Gainer	PH Agr for RI/SCE	RI	08/02/10	Groundwater	Completed	None	N/A	Preliminary determination that pathway is insignificant	p Low	p Med	Waiting on results of stormwater remedy effectiveness monitoring									
Terminal 4 S	Slip 2350	6 4.3 E	11040 N Lombard	Tom Gainer	PH Agr for RI/SCE	RI	08/02/10	Stormwater	Completed	None	N/A	Complete	p Med		Waiting on results of stormwater remedy effectiveness monitoring				Stormwater BMPs and line cleanout implented - effectivness monitoring ongoing					
Terminal 4 S	Slip 235	6 4.3 E	11040 N Lombard	Tom Gainer	PH Agr for RI/SCE	RI	08/02/10	Overwater Activities	N/A	N/A	N/A	No known current sources (spills reported to OERS)	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Terminal 4 S	235	6 4.3 E	11040 N Lombard	Tom Gainer	PH Agr for RI/SCE	RI	08/02/10	Other	N/A	N/A	N/A	N/A	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Linnton Plywood	237	3 4.6 W	10504 NW St Helens	Matt McClincy	PH Letter Agr for XPA (3/01)	NFA	03/13/06	Overland Transport/Sheet Flow	Completed			SCM addressed this potentially complete pathway	Low		EPA reviewed and commented		Independent removal of two small upland source areas and offsite disposal in 2002 and 2003	Received review 8/29/03					Received review 8/29/03	
Linnton Plywood	237:	3 4.6 W	10504 NW St Helens	Matt McClincy	PH Letter Agr for XPA (3/01)	NFA	03/13/06	Bank Erosion	Completed			Insignificant pathway; no actions recommended	Low		EPA reviewed and commented		No SCM needed	Received review 8/29/03					Received review 8/29/03	
Linnton Plywood	237	3 4.6 W	10504 NW St Helens	Matt McClincy	PH Letter Agr for XPA (3/01)	NFA	03/13/06	Groundwater	Completed			Insignificant pathway; no actions recommended	Low	Low	EPA reviewed and commented		No SCM needed	Received review 8/29/03					Received review 8/29/03	
Linnton Plywood	237:	3 4.6 W	10504 NW St Helens	Matt McClincy	PH Letter Agr for XPA (3/01)	NFA	03/13/06	Stormwater	Completed			Insignificant pathway; no actions recommended	Low		EPA reviewed and commented		Ongoing Stormwater BMPs and monitoring	Received review 8/29/03					Received review 8/29/03	
Linnton Plywood		3 4.6 W	10504 NW St Helens	Matt McClincy	PH Letter Agr for XPA (3/01)	NFA	03/13/06	Overwater Activities	Completed			Insignificant pathway; no actions recommended	Low		EPA reviewed and commented		No SCM needed	Received review 8/29/03					Received review 8/29/03	
Linnton Plywood	237	3 4.6 W	10504 NW St Helens	Matt McClincy	PH Letter Agr for XPA (3/01)	NFA	03/13/06	Other	N/A	N/A	N/A	N/A	none		N/A		N/A						N/A	
Terminal 4 S	272	4.6 E	10400 Lombard	Tom Gainer	Judgment for RD/RA (4/04)	RD/RA	08/02/10	Overland Transport/Sheet Flow	N/A	N/A - see Bank Erosion and Stormwater pathways	N/A	N/A	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Terminal 4 S	Slip 272	4.6 E	10400 Lombard	Tom Gainer	Judgment for RD/RA (4/04)	RD/RA	08/02/10	Bank Erosion	Completed			Pencil pitch observed and PAHs detected in river bank soils above PECs	Medium		Spring 2009		Excavation and capping	Spring 2009			Excavation and capping at 1 of 3 areas (fall 2009); remaining 2 areas to be implemented with Phase II Early Action			
Terminal 4 S	Slip 272	4.6 E	10400 Lombard	Tom Gainer	Judgment for RD/RA (4/04)	RD/RA	08/02/10	Groundwater	Completed			Complete pathway - remedy recommended and implemented	Medium	Medium	EPA reviewed and commented, 2/2003		Bank excavation and backfill remedial action, NAPL recovery, monitoring	EPA reviewed and commented, 2/2003	Bank excavation and backfill remedial action (BEBRA) 11/04	2,700 cubic yards of contaminated soil removed; 30.2 gallons NAPL recovered to date	NAPL recovery and monitoring ongoing			
Terminal 4 S	Slip 272	4.6 E	10400 Lombard	Tom Gainer	Judgment for RD/RA (4/04)	RD/RA	08/02/10	Stormwater	Ongoing	Stormwater sampling ongoing	4th Quarter 2011	Complete pathway; BMPs in place	p Med		Waiting on SCE to be completed									
Terminal 4 S	Slip 272	4.6 E	10400 Lombard	Tom Gainer	Judgment for RD/RA (4/04)	RD/RA	08/02/10	Overwater Activities	N/A	N/A - Historic releases to be addressed by the in-water T4 Early Action	N/A	N/A	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Terminal 4 S	Slip 272	4.6 E	10400 Lombard	Tom Gainer	Judgment for RD/RA (4/04)	RD/RA	08/02/10	Other	N/A	N/A	N/A	N/A	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
UPRR St Joh Tank Farm		7 4.6 E	6908 N Roberts	Jim Anderson	Pre-PH VCP Letter Agr	NFA	03/07/06	Overland Transport/Sheet Flow	N/A	N/A	N/A	N/A	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
UPRR St Joh Tank Farm		7 4.6 E	6908 N Roberts	Jim Anderson	Pre-PH VCP Letter Agr	NFA	03/07/06	Bank Erosion	N/A	N/A	N/A	N/A	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

	Confi	rmed or	r suspected s	ources of	contamination to th	ne river				Sauras Car	tral Evel	untion (CCT)				C	0 Cantra	l Dooloise:	, (CCDc) ==	nd Ctatura =	f Course Car	trol N#	2001152 1	/SCM-)
	Sit	te infor	rmation		Project	status			П	Source Con	troi Evaiu				T	Sourc	e Contro	Decisions	s (SCDS) ar	ia Status of	f Source Con	troi ivie	easures (SCIVIS)
		" River			Type of agreement	Project	Date last		Status of	Major SCE tasks to be	Schedule for	Basis for determination need		control is	Status of EPA	Source control		Status of EPA	SCM activities	Mass or volume of	Additonal Proposed SCM activities to be	Date SCM	Status of EPA	Operaton and
Site name	ECSI	# mile	Address	DEQ PM	directing source control	status	modified (m-d-y)	SCE Pathway	SCE	completed	completing SCE	Pathway determination	Pathway priority level	Site priority level	review of SCE decision	alternatives evaluation and schedule (m-y)	Selected SCMs	review of SCM selection decision	completed to date (m-y)	contaminants controlled	done and schedule (m- y)	completed (m-y)	review of completed SCM	maintenance requirements
UPRR St John Tank Farm	ns 2017	4.6 E	6908 N Roberts	Jim Anderson	Pre-PH VCP Letter Agr	NFA	03/07/06	Groundwater	Completed			Insignificant pathway; no actions recommended		Low	SCE submitted to EPA April 2004, no comments received		No SCM needed							
UPRR St John Tank Farm	ns 2017	4.6 E	6908 N Roberts	Jim Anderson	Pre-PH VCP Letter Agr	NFA	03/07/06	Stormwater	Completed			Insignificant pathway; no actions recommended	Low		SCE submitted to EPA April 2004, no comments received		No SCM needed							
UPRR St John Tank Farm	ns 2017	4.6 E	6908 N Roberts	Jim Anderson	Pre-PH VCP Letter Agr	NFA	03/07/06	Overwater Activities	N/A	N/A	N/A	N/A	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
UPRR St John Tank Farm	ns 2017	4.6 E	6908 N Roberts	Jim Anderson	Pre-PH VCP Letter Agr	NFA	03/07/06	Other	N/A	N/A	N/A	N/A	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
BP Terminal 22T (ARCO)		4.8W	9930 NW St Helens	Tom Gainer	PH Agr for RI/SCM (6/00)	RI	08/02/10	Overland Transport/Sheet Flow	N/A	N/A	N/A	N/A	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
BP Terminal 22T (ARCO)	1528	4.8W	9930 NW St Helens	Tom Gainer	PH Agr for RI/SCM (6/00)	RI	08/02/10	Bank Erosion	N/A	No Bank -concrete sea wall	N/A	N/A	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
BP Terminal 22T (ARCO)	1528	3 4.8W	9930 NW St Helens	Tom Gainer	PH Agr for RI/SCM (6/00)	RI	08/02/10	Groundwater	Completed			Free product & dissolved phase potentially reaching river	High	High	EPA reviewed and commented 2007	alternatives evaluation completed 3//2007 for on site GW	New sheetpile barrier wall with hydraulic control and GW pump & treat system	EPA reviewed 3/2007	Hydraulic Control system installed 1/2005, new sheetpile seawall 11/2007	700 linear feet of plume controlled at riverbank		11/08		Recontamination evaluation due 4th quarter 2010
BP Terminal 22T (ARCO)	1528	4.8W	9930 NW St Helens	Tom Gainer	PH Agr for RI/SCM (6/00)	RI	08/02/10	Stormwater	Ongoing	Sampling stormwater system	4th Quarter 2010	Waiting on SCE to be completed	to be determined		Waiting on SCE to be completed.									
BP Terminal 22T (ARCO)	1528	3 4.8W	9930 NW St Helens	Tom Gainer	PH Agr for RI/SCM (6/00)	RI	08/02/10	Overwater Activities	N/A	N/A	N/A	No known current sources (spills reported to OERS)	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
BP Terminal 22T (ARCO)	1528	4.8W	9930 NW St Helens	Tom Gainer	PH Agr for RI/SCM (6/00)	RI	08/02/10	Near shore sediment	N/A	N/A	N/A	N/A	none		N/A	alternatives evlauation for near-shore sediment completed 3/07	Revetment and near-shore sediment removal and off- site disposal	EPA reviewed 3/07	Sediment removal complete 11/08	16,300 CY sediment	Final grading and planting summer 2009	11/08	TBD	Recontamination evaluation
Port of Portland Auto Storage Area (ASA)	172	5.0 E	10400 Lombard	Tom Gainer	Pre-PH DEQ/Port IGA (11/00)	NFA	03/06/06	Overland Transport/Sheet Flow	N/A	N/A	N/A	N/A	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Port of Portland Auto Storage Area (ASA)		5.0 E	10400 Lombard	Tom Gainer	Pre-PH DEQ/Port IGA (11/00)	NFA	03/06/06	Bank Erosion	Completed			Insignificant pathway; no actions recommended	Low		EPA reviewed and commented 6/04		No SCM needed							
Port of Portland Auto Storage Area (ASA)	172	5.0 E	10400 Lombard	Tom Gainer	Pre-PH DEQ/Port IGA (11/00)	NFA	03/06/06	Groundwater	Completed			Insignificant pathway; no actions recommended	Low	Low	EPA reviewed and commented 6/04		No SCM needed							
Port of Portland Auto Storage Area (ASA)		5.0 E	10400 Lombard	Tom Gainer	Pre-PH DEQ/Port IGA (11/00)	NFA	03/06/06	Stormwater	Completed			Insignificant pathway; no actions recommended	Low	LOW	EPA reviewed and commented 6/04		No SCM needed							
Port of Portland Auto Storage Area (ASA)		5.0 E	10400 Lombard	Tom Gainer	Pre-PH DEQ/Port IGA (11/00)	NFA	03/06/06	Overwater Activities	N/A	N/A	N/A	No known current sources (spills reported to OERS)	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Port of Portland Auto Storage Area (ASA)		5.0 E	10400 Lombard	Tom Gainer	Pre-PH DEQ/Port IGA (11/00)	NFA	03/06/06	Other	N/A	N/A	N/A	N/A	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Exxon Mobil	137	5.1 W	9420 NW St Helens	Tom Gainer	VCP Agr for Remedial Action (5/02)	RD/RA	08/02/10	Overland Transport/Sheet Flow	N/A	N/A	N/A	N/A	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Exxon Mobil	137	5.1 W	9420 NW St Helens	Tom Gainer	VCP Agr for Remedial Action (5/02)	RD/RA	08/02/10	Bank Erosion	N/A	N/A	N/A	N/A	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Exxon Mobil	137	5.1 W	9420 NW St Helens	Tom Gainer	VCP Agr for Remedial Action (5/02)	RD/RA	08/02/10	Groundwater	Completed			Groundwater is a complete pathway	High	High	DEQ issued a ROD in 1997 requiring groundwater treatment	DEQ issued a ROD in 1997 requiring groundwater treatment	Operating air sparge & SVE system. Expansion of air sparge system (1/2005) - Additional GW hydraulic control planned for "hydraulic gap" area in 4th quarter 2010	Possibility only if remedy is shown not to be protective and altenative remedial action is proposed	Expansion of air		Additional SCMs in hydrualic gap at downstream end of site planned for 4th quarter 2010			Sytem inspection , opertion, and effectiveness monitoring onoing
Exxon Mobil	137	5.1 W	9420 NW St Helens	Tom Gainer	VCP Agr for Remedial Action (5/02)	RD/RA	08/02/10	Stormwater	Pending EPA Review	Current facility owner NuStar will conduct SCE for bulk plant, ExxonMobil will conduct SCE at their Lube Plant	2nd Quarter 2011	Waiting on SCE to be completed	to be determined											
Exxon Mobil	137	5.1 W	9420 NW St Helens	Tom Gainer	VCP Agr for Remedial Action (5/02)	RD/RA	08/02/10	Overwater Activities	N/A	N/A	N/A	No known current sources (spills reported to OERS)	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Exxon Mobil	137	5.1 W	9420 NW St Helens	Tom Gainer	VCP Agr for Remedial Action (5/02)	RD/RA	08/02/10	Other	Not Started	N/A	N/A	N/A	to be determined											

			•	sources of	contamination to th					Source Con	trol Evalu	uation (SCF)				Source	e Contro	l Decisions	(SCDs) ar	nd Status of	f Source Con	trol Me	easures (S	SCMs)
	Si	te inforr	mation		Project	t status						Basis for determination		control is		Journal								
Site name	ECSI	# River mile	Address	DEQ PM	Type of agreement directing source control	Project status	Date last modified (m-d-y)	SCE Pathway	Status of SCE	Major SCE tasks to be completed	Schedule for completing SCE	Pathway determination	Pathway priority level	Site priority level	Status of EPA review of SCE decision	Source control alternatives evaluation and schedule (m-y)	Selected SCMs	Status of EPA review of SCM selection decision	SCM activities completed to date (m-y)	Mass or volume of contaminants controlled	Additonal Proposed SCM activities to be done and schedule (m- y)	Date SCM completed (m-y)	Status of EPA review of completed SCM	Operaton and maintenance requirements
Olympic Pipeline Portland Facility within ExxonMobil	3342	2 5.2W	9420 NW St Helens	Tom Gainer	ICP	XPA	02/19/09	Overland Transport/Sheet Flow	N/A	N/A	N/A	N/A	none	10 401	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Olympic Pipeline Portland Facility within ExxonMobil	3342	2 5.2W	9420 NW St Helens	Tom Gainer	ICP	XPA	08/02/10	Bank Erosion	N/A	N/A	N/A	N/A	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Olympic Pipeline Portland Facility within ExxonMobil	3342	2 5.2W	9420 NW St Helens	Tom Gainer	ICP	XPA	08/02/10	Groundwater	Completed			Insignificant pathway; no actions recommended	p Low		Waiting on SCE completion		Conducted soil removal following petroleum spill in mid 1990s							
Olympic Pipeline Portland Facility within ExxonMobil	3342	2 5.2W	9420 NW St Helens	Tom Gainer	ICP	XPA	08/02/10	Stormwater	Ongoing	Dependent upon groundwater conditions	4th Quarter 2011	Waiting on SCE to be completed	to be determined	p Low	Waiting on SCE completion									
Olympic Pipeline Portland Facility within ExxonMobil	3342	2 5.2W	9420 NW St Helens	Tom Gainer	ICP	XPA	08/02/10	Overwater Activities	N/A	N/A	N/A	N/A	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Olympic Pipeline Portland Facility within ExxonMobil	3342	2 5.2W	9420 NW St Helens	Tom Gainer	ICP	XPA	08/02/10	Other	N/A	N/A	N/A	N/A	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Shore Terminals (aka NuStar and Valero was ECSI #1989)	5130	0 5.4W	9400 NW St Helens Rd	Jim Orr	VCP Agreement for Stormwater Assessment & Source Control	SCE	07/29/10	Overland Transport/Sheet Flow	Not Started	Source Control Evaluation Assessment SOW under review implimentation fall 2010	2nd Quarter 2011	Pathway derermination	to be determined		Waiting on SCE completion March 2011									
Shore Terminals (aka NuStar and Valero was ECSI #1989)	5130	0 5.4W	9400 NW St Helens Rd	Jim Orr	VCP Agreement for Stormwater Assessment & Source Control	SCE	07/29/10	Bank Erosion	Not Started	Source Control Evaluation Assessment SOW under review	2nd Quarter 2011	Pathway is complete	p Med		Waiting on SCE completion March 2011									
Shore Terminals (aka NuStar and Valero was ECSI #1989)	5130	0 5.4W	9400 NW St Helens Rd	Jim Orr	VCP Agreement for Stormwater Assessment & Source Control	SCE	07/29/10	Groundwater	Not Started	Source Control Evaluation Assessment SOW under review	2nd Quarter 2011	Pathway is complete	p Med	p Med	Waiting on SCE completion March 2011									
Shore Terminals (aka NuStar and Valero was ECSI #1989)	5130	0 5.4W	9400 NW St Helens Rd	Jim Orr	VCP Agreement for Stormwater Assessment & Source Control	SCE	07/29/10	Stormwater	Not Started	Source Control Evaluation Assessment SOW under review implimentation fall 2010	2nd Quarter 2011	to be determined	to be determined		Waiting on SCE completion March 2011									
Shore Terminals (aka NuStar and Valero was ECSI #1989)	5130	0 5.4W	9400 NW St Helens Rd	Jim Orr	VCP Agreement for Stormwater Assessment & Source Control	SCE	07/29/10	Overwater Activities	Not Started	Source Control Evaluation Assessment SOW under review	2nd Quarter 2011	to be determined	to be determined		Waiting on SCE completion March 2011									
Shore Terminals (aka NuStar and Valero was	5130	0 5.4W	9400 NW St Helens Rd	Jim Orr	VCP Agreement for Stormwater Assessment & Source Control	SCE	07/29/10	Loading Rack investigation	Ongoing	Characterization of releases from loading rack	to be determined	to be determined	to be determined	•	Waiting on SCE completion									
Brix Maritime (aka Foss)	2364	4 5.5 W	9030 NW St Helens	Jim Orr	PH Agr for RI/SCM (5/02)	RI/SCE	07/29/10	Overland Transport/Sheet Flow	N/A	N/A	N/A	N/A	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Brix Maritime (aka Foss)	2364	4 5.5 W	9030 NW St Helens	Jim Orr	PH Agr for RI/SCM (5/02)	RI/SCE	07/29/10	Bank Erosion	Ongoing	Evaluated as part of SCE	4th Quarter 2011	Not believed to be a complete pathway	p Low		Waiting on SCE to be completed									
Brix Maritime (aka Foss)	2364	4 5.5 W	9030 NW St Helens	Jim Orr	PH Agr for RI/SCM (5/02)	RI/SCE	07/29/10	Groundwater	Ongoing	SCE Report Under Development	4th Quarter 2011	Pathway is complete	pMed	p Med	Waiting on SCE to be completed									
Brix Maritime (aka Foss)	2364	4 5.5 W	9030 NW St Helens	Jim Orr	PH Agr for RI/SCM (5/02)	RI/SCE	07/29/10	Stormwater	SCE Report is being Produced. All data collected	Catch basin sediment sampling/screening for site COI plus PCBs and phthalates, and follow-up storm water sampling per JSCS.	4th Quarter 2011	to be determined	to be determined		Waiting on SCE to be completed									
Brix Maritime (aka Foss)	2364	4 5.5 W	9030 NW St Helens	Jim Orr	PH Agr for RI/SCM (5/02)	RI/SCE	07/29/10	Overwater Activities	N/A	N/A	N/A	No known current sources (spills will be reported to OERS)	none		Waiting on SCE to be completed									
Brix Maritime (aka Foss)	2364	4 5.5 W	9030 NW St Helens	Jim Orr	PH Agr for RI/SCM (5/02)	RI/SCE	07/29/10	Other	N/A	N/A	N/A	N/A	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Mar Com Marine (N Parcel)	4797	7 5.6 E	8790 N Bradford	Mike Romero	PH Agr for RI/SCM (11/01)	NFA	03/06/09	Overland Transport/Sheet Flow	Completed			overland soil transport suspected migration pathway	Low		EPA reviewed and commented 2004		removal of 278 cubic yards of sandblast grit and soil; DEQ issues SCD in 5/2004	EPA reviewed and approved 2004	2007	278 CY soil	Port of Portland condemed property, Port conducted soil removal as prescribed in ROD 5/07		EPA commented 5/08	None
Mar Com Marine (N Parcel)	4797	7 5.6 E	8790 N Bradford	Mike Romero	PH Agr for RI/SCM (11/01)	NFA	03/06/09	Bank Erosion	Not Started			Deferred investigation of beach to Mar Com South Parcel	p Med				Deferred investigation of beach to Mar Com South Parcel							
Mar Com Marine (N Parcel)	4797	7 5.6 E	8790 N Bradford	Mike Romero	PH Agr for RI/SCM (11/01)	NFA	03/06/09	Groundwater	Completed			Insignificant pathway; no actions recommended	Low	p Med	EPA reviewed and commented 2004		N/A							

	Confirr	med or	suspected s	ources of	contamination to th	ne river	Ī					(222)							(0.05.)					
	Site	inform	mation		Project	t status				Source Con	trol Evalu	iation (SCE)				Sourc	e Contro	l Decisions	s (SCDs) ar	nd Status o	f Source Con	itrol M	easures (SCMs)
		Divers			Type of agreement	Dec!	Date last		Ctat f	Major CCE	Pahadul- f-	Basis for determination need		control is	Status of EPA	Source control		Status of EPA	SCM activities	Mass or volume of	Additonal Proposed SCM activities to be	Date SCM	Status of EPA	Operaton and
Site name	ECSI#	River mile	Address	DEQ PM	directing source control	Project status	modified (m-d-y)	SCE Pathway	Status of SCE	Major SCE tasks to be completed	Schedule for completing SCE	Pathway determination	Pathway priority level	Site priority level	review of SCE decision	alternatives evaluation and schedule (m-y)	Selected SCMs	review of SCM selection decision	completed to date (m-y)	contaminants controlled	done and schedule (m- y)	completed (m-y)	review of completed SCM	maintenance requirements
Mar Com Marine (N Parcel)	4797	5.6 E	8790 N Bradford	Mike Romero	PH Agr for RI/SCM (11/01)	NFA	03/06/09	Stormwater	Completed			Insignificant pathway; no actions recommended	Low		EPA reviewed and commented 2004		N/A							
Mar Com Marine (N Parcel)	4797	5.6 E	8790 N Bradford	Mike Romero	PH Agr for RI/SCM (11/01)	NFA	03/06/09	Overwater Activities	N/A	N/A	N/A	N/A	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Mar Com Marine (N Parcel)	4797	5.6 E	8790 N Bradford	Mike Romero	PH Agr for RI/SCM (11/01)	NFA	03/06/09	Other	N/A		N/A	N/A	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Marine Finance, AKA Advanced American	2352	5.8 W	8444 NW St Helens	Mark Pugh	PPA	NFA	06/16/08	Overland Transport/Sheet Flow	Completed			contaminated over screening criteria in soil potentially susceptible to runoff	Low		SCE submitted to EPA 9/30/04. No comments received.	alternatives evaluation completed 2004	Dig and haul soil contamination; capping with clean fill and/or building	SCM submitted to EPA 9/2004, no comments received	Soil removed 08/05; selected site areas capped with building and/or clean fill	1,150 cubic yards of soil removed (estimated); report pending		11/05	SCD submitted to EPA July 18, 2007.	Instituional control for cap and building will be required.
Marine Finance, AKA Advanced American	2352	5.8 W	8444 NW St Helens	Mark Pugh	PPA	NFA	06/16/08	Bank Erosion	Completed			Insignificant pathway; no actions recommended	Low		SCE submitted to EPA 9/30/04. No comments received.	alternatives evaluation completed 2004	No SCM needed						SCD submitted to EPA July 18, 2007.	N/A
Marine Finance, AKA Advanced American	2352	5.8 W	8444 NW St Helens	Mark Pugh	PPA	NFA	06/16/08	Groundwater	Completed			Insignificant pathway; no actions recommended	Low	Law	SCE submitted to EPA 9/30/04. No comments received.	alternatives evaluation completed 2004	No SCM needed						"SCD submitted to EPA July 18, 2007.	N/A
Marine Finance, AKA Advanced American	2352	5.8 W	8444 NW St Helens	Mark Pugh	PPA	NFA	06/16/08	Stormwater	completed			Insignificant pathway; no actions recommended	Low	Low	N/A	N/A	N/A	N/A	N/A	N/A	Storm drain system was installed in May 2006; 3 storm water sampling events complete. 1 more pending.		"SCD submitted to EPA July 18, 2007.	N/A
Marine Finance, AKA Advanced American	2352	5.8 W	8444 NW St Helens	Mark Pugh	PPA	NFA	06/16/08	Overwater Activities	N/A	N/A	N/A	No known current sources (spills reported to OERS)	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Marine Finance, AKA Advanced American	2352	5.8 W	8444 NW St Helens	Mark Pugh	PPA	NFA	06/16/08	Other	N/A	N/A	N/A	N/A	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Mar Com (S Parcel)	2350	5.8 E	8790 N Bradford	Mike Romero	PH Agr	RI	06/30/10	Overland Transport/Sheet Flow	Ongoing	Reviewing revised SCE	Pending review	Complete	p High		To be determined									
Mar Com (S Parcel)	2350	5.8 E	8790 N Bradford	Mike Romero	PH Agr	RI	06/30/10	Bank Erosion	Ongoing	Reviewing revised SCE	Pending review	TBD	p Med		To be determined									
Mar Com (S Parcel)	2350	5.8 E	8790 N Burgard	Mike Romero	PH Agr	RI	06/30/10	Groundwater	Ongoing	Reviewing revised SCE	Pending review	TBD	p Med	p High	To be determined									
Mar Com (S Parcel)	2350	5.8 E	8790 N Bradford	Mike Romero	PH Agr	RI	06/30/10	Stormwater	Ongoing	Reviewing revised SCE	Pending review	TBD	to be determined		To be determined									
Mar Com (S Parcel)	2350	5.8 E	8790 N Bradford	Mike Romero	PH Agr	RI	06/30/10	Overwater Activities	N/A	No current overwater activities, only historic	N/A	N/A	N/A		N/A		Floating dry dock sold in 2004, and removed from site							
Mar Com (S Parcel)	2350	5.8 E	8790 N Bradford	Mike Romero	PH Agr	RI	06/30/10	Other	N/A	N/A	N/A	N/A	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
BES Water Lab	2452	6.0E	6543 N Burlington	Mark Pugh	IGA	NFA	05/25/10	Overland Transport/Sheet Flow	Completed	none	Complete	Insignificant pathway; no actions recommended	Low		EPA has reviewed and commented on SCD	no alternatives evaluation needed	n				no alternatives evaluation needed	no alternatives evaluation needed	no alternatives evaluation needed	no alternatives evaluation needed
BES Water Lab	2452	6.0E	6543 N Burlington	Mark Pugh	IGA	NFA	05/25/10	Bank Erosion	Completed	none	Complete	Insignificant pathway; no actions recommended	Low		EPA has reviewed and commented on SCD	needed								
BES Water Lab	2452	6.0E	6543 N Burlington	Mark Pugh	IGA	NFA	05/25/10	Groundwater	Completed	none	Complete	Insignificant pathway; no actions recommended	Low	Low	EPA has reviewed and commented on SCD									
BES Water Lab	2452	6.0E	6543 N Burlington	Mark Pugh	IGA	NFA	05/25/10	Stormwater	Completed	none	Complete	Insignificant pathway; no actions recommended	Low		EPA has reviewed and commented on SCD	no alternatives evaluation needed								
BES Water Lab	2452	6.0E	6543 N Burlington	Mark Pugh	IGA	NFA	05/25/10	Overwater Activities	Completed	N/A	N/A	No known current sources (spills will be reported to OERS)	Low		EPA has reviewed and commented on SCD									
BES Water Lab	2452	6.0E	6543 N Burlington	Mark Pugh	IGA	NFA	05/25/10	Other	Completed	N/A	N/A	No known current sources (spills will be reported to OERS)	Low		EPA has reviewed and commented on SCD	no alternatives evaluation needed								
US Moorings	1641	6.2W	8010 NW St. Helens Rd.	Mark Ader EPA	Federal RCRA Order	FS	08/02/10	Overland Transport/Sheet Flow	Completed						EPA preparing proposed Plan October 2010									

	Con	firmed o	r suspected s	ources of	contamination to tl	ne river				Sauraa Can	tral Evalu	otion (CCT)				Caura	a Camtual	Dagialana	(CCDa) an	d Ctatus a	f Cauraa Can	Anal Ma		CCM-\
	S	ite info	rmation		Projec	t status				Source Con	itroi Evaiu				I	Sourc	e Control	Decisions	(SCDS) an	id Status of	f Source Con	troi Me	easures (SCIVIS)
Site name	ECS	River mile	Address	DEQ PM	Type of agreement directing source control	Project status	Date last modified (m-d-y)	SCE Pathway	Status of SCE	Major SCE tasks to be completed	Schedule for completing SCE	Basis for determination need Pathway determination	Pathway priority	Site priority	Status of EPA review of SCE decision	Source control alternatives evaluation and schedule (m-y)	Selected SCMs	Status of EPA review of SCM selection decision	SCM activities completed to date (m-y)	Mass or volume of contaminants controlled	Additonal Proposed SCM activities to be done and schedule (m- y)	Date SCM completed (m-y)	Status of EPA review of completed SCM	Operaton and maintenance requirements
US Moorings	s 164	11 6.2W	8010 NW St. Helens Rd.	Mark Ader EPA	Federal RCRA Order	FS	08/02/10	Bank Erosion	Completed				level	level	EPA preparing proposed Plan									
US Moorings	s 164	11 6.2W	8010 NW St.	Mark Ader	Federal RCRA Order	FS	08/02/10	Groundwater	Completed						October 2010 EPA preparing proposed Plan									
US Moorings			Helens Rd. 8010 NW St.	EPA Mark Ader	Federal RCRA Order	FS	08/02/10	Stormwater	Completed						October 2010 EPA preparing proposed Plan									
			Helens Rd. 8010 NW St.	EPA Mark Ader											October 2010 EPA preparing									
US Moorings			Helens Rd. 8010 NW St.	EPA Mark Ader	Federal RCRA Order	FS	08/02/10	Overwater Activities	Completed						October 2010 EPA preparing									
US Mooring:	s 164	11 6.2W	Helens Rd.	EPA	Federal RCRA Order	FS	08/02/10	Other	Completed						proposed Plan October 2010		Work plan to							
Crawford Stre Corp	236	6.3 E	84248 N Crawford	Shawn Rapp	PH Letter Agr for XPA (11/99)	XPA	07/01/10	Overland Transport/Sheet Flow	Ongoing	See Stormwater Pathway	2nd Quarter 2011	Waiting on SCE to be completed	to be determined		Waiting on SCE completion		sample erodible surface soils approved; results pending							
Crawford Stre Corp	eet 236	6.3 E	84248 N Crawford	Shawn Rapp	PH Letter Agr for XPA (11/99)	ХРА	07/01/10	Bank Erosion	Ongoing	Bank characterization underway	2nd Quarter 2011	Waiting on SCE to be completed	to be determined		Waiting on SCE completion		RP removed black sand from beach and bank in 10/01. Residual contamination exists on beach, deferred to in- water RI. Bank was replaced with clean fill.							
Crawford Stre Corp	eet 236	6.3 E	84248 N Crawford	Shawn Rapp	PH Letter Agr for XPA (11/99)	XPA	07/01/10	Groundwater	Ongoing	None	2nd Quarter 2011	Insignificant pathway; no actions recommended	p Low	p Low	Waiting on SCE completion									
Crawford Stre Corp	eet 236	6.3 E	84248 N Crawford	Shawn Rapp	PH Letter Agr for XPA (11/99)	XPA	07/01/10	Stormwater	Ongoing	Storm water sampling per JSCS	2nd Quarter 2011	Waiting on SCE to be completed	to be determined		Waiting on SCE completion		RP currently evaluating possible stormwater piping and seep sources							
Crawford Stre	eet 236	33 6.3 E	84248 N	Shawn	PH Letter Agr for XPA	XPA	07/01/10	Overwater Activities	N/A	N/A	N/A	N/A	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Corp	230	0.3 L	Crawford	Rapp	(11/99)	AFA	07/01/10	Overwater Activities	IN/A	INA	IVA	IVA	none		NA	IVA	IVA	IWA	IWA	IVA	N/A	N/A	IVA	IVA
Crawford Stre Corp	236	6.3 E	84248 N Crawford	Shawn Rapp	PH Letter Agr for XPA (11/99)	XPA	07/01/10	Other	N/A	N/A	N/A	N/A	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
NW Natural "Gasco" Site	- e 84	6.4 W	7900 NW St Helens	Dana Bayuk	Pre-PH VCP Agr for RI/FS (8/94) amended 7/06	RI	10/30/10	Overland Transport/Sheet Flow	Completed	None	4th Quarter 2010	Pathway potentially complete	p Low		N/A	Potential runoff in eastern corner of site will be controlled by future bank remedial work whch will be EPA lead.	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
NW Natural "Gasco" Site		4 6.4 W	7900 NW St Helens	Dana Bayuk	Pre-PH VCP Agr for RI/FS (8/94) amended 7/06	RI	07/30/10	Bank Erosion	Completed	N/A, NW Natural moving forward with source control	N/A, NW Natural submitted SCM evaluation (FFS)	Pathway is complete	High		N/A	SCM Evaluation (FFS) received 11/07, DEQ review complete (3/08)	Depending on location, riverbank SCMs to include bank regrading, repair, removal, and replacement combined with shallow groundwater controls.	EPA comments received 2/08			NW Natural, EPA, and DEQ agreed riverbank remediation will take place concurrently with the construction phase of the NW Natural & Siltronic in-water sediment action, both to be overseen by EPA. AOC for in-water work finalized 9/09.			
NW Natural "Gasco" Site		6.4 W	7900 NW St Helens	Dana Bayuk	Pre-PH VCP Agr for RI/FS (8/94) amended 7/06	RI	07/30/10	Groundwater	Completed	N/A, NW Natural submitted SCM Evaluation (FFS)	N/A, NW Natural submitted SCM Evaluation	Pathway is complete	High	High	N/A	SCM Evaluation (FFS) submitted 11/07, DEQ review complete 3/08	Verttical barrier in most contaminated shoreline area (Segment 1), hydraulic containment along site shoreline (segments 1 and 2), and DNAPL removal beneath former effluent ponds.	EPA comments received 2/08	Preliminary design received (6/08); DEQ review complete (8/08), Interim Design received (11/09); DEQ conditionally approved Segment 2 design. Due to DNAPL concerns and timing of implementation DEQ deferred source control along "Gasco" portion of Segment 1 to uplands FS.		NW Natural formally disputing DEQ Segment 1 source control decision.			

	Confir	med or	suspected s	ources of	contamination to th	ne river				Source Con	trol Evalu	ation (SCE)				Source	o Contro	l Docision	c (SCDe) ar	ad Status o	f Source Con	tral Ma	nacuroe (SCMs)
	Site	e infor	mation		Projec	t status				Source Con	li Oi Evaiu				I	Sourc	Contro	Decisions	(SCDS) ai	iu Status o	1 Source Con	ILI OI IVI	easures (ocivis)
Site name	E00: "	River	A	DEQ PM	Type of agreement	Project	Date last modified	SCE Pathway	Status of	Major SCE tasks to be	Schedule for	Basis for determination need	ded		Status of EPA review of SCE	Source control	Selected SCMs	Status of EPA review of SCM	SCM activities completed to date	Mass or volume of contaminants	Additonal Proposed SCM activities to be	Date SCM completed	Status of EPA review of	Operaton and maintenance
Site name	ECSI#	mile	Address	DEQ PM	directing source control	status	(m-d-y)	SCE Pathway	SCE	completed	completing SCE	Pathway determination		Site priority	decision	alternatives evaluation and schedule (m-y)	Selected SCMs	selection decision	(m-y)	controlled	done and schedule (m- y)		completed SCM	requirements
													level	level										
NW Natural			7900 NW St	Dana	Pre-PH VCP Agr for					Complete stormwater & catch			to be		Waiting on SCE to									
"Gasco" Site	84	6.4 W	Helens	Bayuk	RI/FS (8/94) amended 7/06	RI	07/30/10	Stormwater	Ongoing	basin sampling report for JSCS screening purposes.	4th Quarter 2010	Pathway is complete	determined		be completed.									
NW Natural "Gasco" Site	84	6.4 W	7900 NW St Helens	Dana Bayuk	Pre-PH VCP Agr for RI/FS (8/94) amended	RI	07/30/10	Overwater Activities	N/A	N/A	N/A	No known current sources (spills reported	none		N/A	N/A		N/A	N/A	N/A	N/A	N/A	N/A	N/A
Gasco Site			riciciis	Dayuk	7/06							to OERS)												
NW Natural -	84	6.4 W	7900 NW St	Dana	Pre-PH VCP Agr for RI/FS (8/94) amended	RI	07/30/10	Other - Koppers NPDES	Ongoing	Complete catch basin sediment sampling report for	4th Quarter 2010	Waiting on SCE to be	to be		Waiting on SCE to									
"Gasco" Site		0.111	Helens	Bayuk	7/06		07700710	Permit	Cingoning	JSCS screening purposes.	illi qualiti 2010	completed	determined		be completed									
Koppers Inc	2348	6.5 W	7540 NW St.	Dana			07/30/10	Overland																
			Helens Rd. 7540 NW St.	Bayuk Dana				Transport/Sheet Flow																
Koppers Inc		6.5 W	Helens Rd. 7540 NW St.	Bayuk Dana			07/30/10	Bank Erosion Groundwater																
Koppers Inc		6.5 W	Helens Rd. 7540 NW St.	Bayuk Dana	Part of NW Natural		07/30/10	Stormwater						to be										
Koppers Inc			Helens Rd. 7540 NW St.	Bayuk Dana	"Gasco" Site; see ESCI #84		07/30/10	Overwater Activities						determin										
			Helens Rd.	Bayuk												1								
Koppers Inc	2348	6.5 W	7540 NW St.	Dana		Ongoing	07/30/10	Other - Koppers NPDES	Ongoing	Complete catch basin sediment sampling report for	4th Quarter 2010	Waiting on SCE to be	to be		Waiting on SCE to									
			Helens Rd.	Bayuk		3. 3.		Permit	- 3- 3	JSCS screening purposes.		completed	determined		be completed									
NW Natural -				_	Joint NW Natural/Siltronic Order																			
"Siltronic MGP" Site	183	6.6 W	7700 NW Front	Dana Bayuk	(10/00) & Amendment #1 (7/06) to Pre-PH	RI	08/02/10	Overland Transport/Sheet Flow	N/A	N/A	N/A	N/A	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
					VCP Agr for RI/FS (8/94)																			
NW Natural -					Joint NW Natural/Siltronic Order					Complete characterization of MGP waste/contamination														
"Siltronic MGP" Site	183	6.6 W	7700 NW Front	Dana Bayuk	(10/00) & Amendment #1 (7/06) to Pre-PH	RI	08/02/10	Bank Erosion	Ongoing	along shoreline per NW Natural's "Siltronic MGP Site"	to be determined	Waiting on SCE to be completed	to be determined		Waiting on SCE to be completed									
					VCP Agr for RI/FS (8/94)					RI work plan approved 10/07.														
																			Preliminary design					
					Joint NW				Siltronic	MGP waste and contamination									received (6/08); DEQ review complete (8/08).					
NW Natural -			=======================================	Dana	Natural/Siltronic Order (10/00) & Amendment		00/00/40		portion of Segment 1	being investigated along shoreline upstream of	4th Quarter 2010					SCM Evaluation (FFS) received 11/07, including	Hydraulic containment of	EPA comments	Interim design received (11/09); DEQ review		NW Natural formally disputing DEQ Segment			
"Siltronic MGP" Site	183	6.6 W	7700 NW Front	Bayuk	#1 (7/06) to Pre-PH VCP Agr for RI/FS	RI	08/02/10	Groundwater	complete, Segment 3	Segment 1 (i.e., Segment 3) per MGP RI work plan.	(Segment 3 projected)	Pathway is complete	High			Siltronic portion of Segment 1; DEQ review	Siltronic portion of Segment 1	received 2/08	complete (3/10). DEQ conditionally approved NW Natural's interim		1 source control decision for "Gasco" site portion of			
					(8/94)				ongoing	Review draft pf Segment 3 SCE submitted 2/09.				High		complete (3/08)			design for two extraction wells along Siltronic		Segment 1.			
																			portion of Segment 1.					
NW Natural -					Joint NW Natural/Siltronic Order					Evaluate MGP waste/contamination in														
"Siltronic MGP"	183	6.6 W	7700 NW Front	Dana Bayuk	(10/00) & Amendment #1 (7/06) to Pre-PH	RI	08/02/10	Stormwater	Ongoing	shallow soils per MGP RI work plan and combine with	4th Quarter 2010	Pathway is complete	to be determined		Waiting on SCE to be completed									
- Cite					VCP Agr for RI/FS (8/94)					Siltronics stormwater system data.														
					Joint NW																			
NW Natural -				Dana	Natural/Siltronic Order (10/00) & Amendment																			
"Siltronic MGP" Site	183	6.6 W	7700 NW Front	Bayuk	#1 (7/06) to Pre-PH VCP Agr for RI/FS	RI	08/02/10	Overwater Activities	N/A	N/A	N/A	N/A	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
					(8/94)																			
					Joint NW						TBD pending													
NW Natural -	" 183	6.6 W	7700 NW Front	Dana	Natural/Siltronic Order (10/00) & Amendment		08/02/10	Other - Doane Creek	Ongoing	Investigate COI contributions to Doane Creek & City's OF-	stream sediment,	Pathway is complete	to be		Waiting on SCE to									
Site	.00	0.5 **		Bayuk	#1 (7/06) to Pre-PH VCP Agr for RI/FS		00,02,10	Zano Branc Greek	Cingoling	22C per Siltronic MGP Site RI work plan (Summer 2010)	sampling proposed		determined		be completed									
					(8/94)						in MGP RI													
Siltronic Corp.					VCP Order (2/04) &																			
TCE Investigation		6.5 W	7200 NW Front	Dana Bayuk	Joint NW Natural/Siltronic Order	RI	08/02/10	Overland Transport/Sheet Flow	N/A	N/A, subsurface releases from UST system	N/A	N/A	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
					(10/00)																			

	Confi	rmed or	suspected s	ources of	contamination to the	ne river				Source Con	trol Evalu	ation (SCE)				Source	o Control	Docision	e (SCDe) ar	ad Status o	f Source Con	tral Ma	naeuroe /	(SCMe)
	Sit	e infor	mation		Projec	t status				Source Con	Turoi Evalu	, ,	41-4			Sourc	e Control	Decisions	S (SCDS) al	iu Status o	Source Con	LI OI WI	easures ((SCIVIS)
Site name	ECSI #	" River	Address	DEQ PM	Type of agreement directing source	Project	Date last modified	SCE Pathway	Status of	Major SCE tasks to be	Schedule for	Basis for determination need	ded		Status of EPA review of SCE	Source control alternatives evaluation	Selected SCMs	Status of EPA review of SCM	SCM activities completed to date	Mass or volume of contaminants	Additonal Proposed SCM activities to be	Date SCM completed	Status of EPA review of	Operaton and maintenance
Site Haine	LOSI	mile mile	Address	DEGFW	control	status	(m-d-y)	SOL Falliway	SCE	completed	completing SCE	Pathway determination	Pathway priority level	Site priority level	decision	and schedule (m-y)	Selected Scims	selection decision		controlled	done and schedule (m- y)	(m-y)	completed SCM	requirements
Siltronic Corp. TCE Investigation	183	6.5 W	7200 NW Front	Dana Bayuk	VCP Order (2/04) & Joint NW Natural/Siltronic Order (10/00)	RI	08/02/10	Bank Erosion	N/A	N/A, subsurface releases from UST system	N/A	N/A	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Siltronic Corp. TCE Investigation	. 183	6.5 W	7200 NW Front	Dana Bayuk	VCP Order (2/04) & Joint NW Natural/Siltronic Order (10/00)	RI	08/02/10	Groundwater	Completed	N/A, Silltronic moving forward with source control, SCM Evaluation (FFS) submitted 10/07	N/A, Siltronic submitted SCM Evaluation	Pathway is complete	N/A, Siltronic submitted SCM Evaluation			SCM Evaluation (FFS) complete (12/07), DEQ review complete (2/08)	Enhanced in-situ bioremediation (EIB) in source area of TCE release, hydraulic containment in coordination with NW Natural along shoreline	EPA comments communicated to Siltronic 5/08	Final EIB work plan received (10/08), approved by DEQ (12/08); EIB performance monitoring well network established (2/09), EIB injections complete (7/09)		Groundwater monitoring within and downgradient of source area (i.e., former UST system) to assess EIB performance and effectiveness is ongoing.			Contingency meaures(hydraulic control/containment) may be implemented based on downgradient groundwater performance monitoring data and trends.
Siltronic Corp. TCE Investigation	183	6.5 W	7200 NW Front	Dana Bayuk	VCP Order (2/04) & Joint NW Natural/Siltronic Order (10/00)	RI	08/02/10	Stormwater	Ongoing	Complete storm water and catch basin report per JSCS	4th Quarter 2010	Pathway is complete	to be determined	High	Waiting on SCF to be completed									
Siltronic Corp. TCE Investigation	183	6.5 W	7200 NW Front	Dana Bayuk	VCP Order (2/04) & Joint NW Natural/Siltronic Order (10/00)	RI	08/02/10	Overwater Activities	N/A	N/A	N/A	N/A	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Siltronic Corp. TCE Investigation	. 183	6.5 W	7200 NW Front	Dana Bayuk	VCP Order (2/04) & Joint NW Natural/Siltronic Order (10/00)	RI	08/02/10	Other - Sediment contamination (Area 2) offshore of northern facility outfall (Outfall 001)	N/A	N/A	N/A	N/A			N/A						Area 2 sediment contamination will be included in NW Natural/Siltronic in-water sediment action overseen by EPA. AOC for in- water work finalized 9/09.			
Willamette Cove	2066	6.8 E	Foot of N Edgewater	Ken Thiessen	PH Agr for RI/SCM (11/00)	RI	07/06/10	Overland Transport/Sheet Flow	Completed	None	Waiting on completion of riverbank work	Waiting on SCE WP to be completed	p Low	p Low	Waiting on SCE to be completed				Removal of contaminated soil completed June 2008	625 cubic yards				
Willamette Cove	2066	6.8 E	Foot of N Edgewater	Ken Thiessen	PH Agr for RI/SCM (11/00)	RI	07/06/10	Bank Erosion	Ongoing	Additional sampling planned Fourth quarter 2010	TBD	TBD	p Low		Waiting on SCE to be completed									
Willamette Cove	2066	6.8 E	Foot of N Edgewater	Ken Thiessen	PH Agr for RI/SCM (11/00)	RI	07/06/10	Groundwater	Ongoing	Additional sampling planned Fourth quarter 2010	TBD	TBD	p Low		Waiting on SCE to be completed									
Willamette Cove	2066	6.8 E	Foot of N Edgewater	Ken Thiessen	PH Agr for RI/SCM (11/00)	RI	07/06/10	Stormwater	N/A	No site-related stormwater outfalls	NA	Insignificant pathway; no actions recommended	none		NA	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Willamette Cove	2066	6.8 E	Foot of N Edgewater	Ken Thiessen	PH Agr for RI/SCM (11/00)	RI	07/06/10	Overwater Activities	N/A	N/A	N/A	No current source; likely historic sources	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Rhone Poulence	c 155	7.0 W	6200 NW St Helens	Dave Lacey	Pre-PH Order for RI (1999)	RI	06/21/10	Overland Transport/Sheet Flow	N/A	N/A	N/A	N/A	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Rhone Poulence	c 155	7.0 W	6200 NW St Helens 6200 NW St	Dave Lacey Dave	Pre-PH Order for RI (1999) Pre-PH Order for RI	RI	06/21/10	Bank Erosion Groundwater (plume	N/A	N/A SCE Report and Alternatives	N/A SCE Report in	N/A	none		N/A Waiting on SCE to	N/A Interim measure pilot	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Rhone Poulence		7.0 W	Helens 6200 NW St Helens	Dave Lacey	(1999) Pre-PH Order for RI (1999)	RI RI	06/21/10	discharge to river) Groundwater (plume discharge to City Outfall 22B)	Ongoing	Analysis Phased dry weather flow investigation completed	revision - 9/2010	Pathway is complete Pathway is complete	p High	p High	be completed Waiting on SCE to be completed	study ongoing; Interim measures implemented	Interim SCMs to stormwater line to prevent gw infiltration, effectiveness monitoring		Lining of entire 22B system in progress, early measures not effective, expected to be complete 3rd					
Rhone Poulenc	c 155	7.0 W	6200 NW St Helens	Dave Lacey	Pre-PH Order for RI (1999)	RI	06/21/10	Stormwater	Ongoing	Complete SCE write up	Part of SCE 9/2010	Waiting on SCE to be completed	p Med		Waiting on SCE to be completed		ongoing		quarter 2010					
Rhone Poulence	c 155	7.0 W	6200 NW St Helens	Dave Lacey	Pre-PH Order for RI (1999)	RI	06/21/10	Overwater Activities	N/A	N/A	N/A	N/A	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Rhone Poulence		7.0 W	6200 NW St Helens 6200 NW St	Dave Lacey Dave	Pre-PH Order for RI (1999) Pre-PH Order for RI	RI	06/21/10	Other - historical drainage ditch Other - current NPDES	Ongoing	Complete remedial investigation	Part of SCE 9/2010	Waiting on SCE to be	p Low		Waiting on SCE to be completed Waiting on SCE to									
McCormick &		7.0 W	Helens 6900 N	Lacey	(1999) Superfund agreement	RI remedy		permitted discharge Overland	Ongoing	Data collection for PH COI	Part of SCE 9/2010	completed	p Low		be completed.								EPA reviewed	
Baxter McCormick &	74		Edgewater Street 6900 N	Manzano Scott	with EPA Superfund agreement	d remedy	e 03/09/06	Transport/Sheet Flow	Completed			Pathway is complete	High		Complete		contaminated soil			6,200 gallons of creosote recovered from groundwater,			and commented. EPA reviewed	
Baxter McCormick &	/4		Edgewater Street 6900 N	Manzano	with EPA Superfund agreement	implemente d remedy		Bank Erosion	Completed			Pathway is complete	High		Complete		removal, sheet- pile barrier wall, sediment cap,		all SCMs have been	33,000 tons of contaminated soil and			and commented.	periodic inspection and maintenance,
Baxter	/4		Edgewater Street 6900 N	Manzano	with EPA	implemente d remedy	03/09/06	Groundwater	Completed			Pathway is complete	High		Complete		riparian soil cap, upland soil cap, creosote			acres of contaminated sediment capped, 6			and commented.	effectiveness monitoring, site use restrictions
McCormick & Baxter	/4	7.0E	Edgewater Street 6900 N	Scott Manzano	Superfund agreement with EPA	implemente d remedy	e 03/09/06	Stormwater	Completed			Pathway is complete	High	High	Complete		extraction			bank soil capped, 35 acres of contaminated			EPA reviewed and commented.	
McCormick & Baxter	74	7.0E	Edgewater Street	Scott Manzano	Superfund agreement with EPA		e 03/09/06	Overwater Activities	Completed			Pathway is complete	High		Complete					upland soil capped			EPA reviewed and commented.	

			•	ources of	contamination to t					Source Con	trol Evalu	ation (SCE)				Sourc	e Contro	l Decisions	(SCDs) ar	nd Status of	f Source Con	trol Me	easures (SCMs)
	Site	miorn	nation		-	t status						Basis for determination		control is							Additonal Proposed			
Site name	ECSI#	River mile	Address	DEQ PM	Type of agreement directing source control	Project status	Date last modified (m-d-y)		Status of SCE	Major SCE tasks to be completed	Schedule for completing SCE	Pathway determination	Pathway	Site priority level	Status of EPA review of SCE decision	Source control alternatives evaluation and schedule (m-y)	Selected SCMs	Status of EPA review of SCM selection decision	SCM activities completed to date (m-y)	Mass or volume of contaminants controlled	SCM activities to be done and schedule (m- y)	Date SCM completed (m-y)	Status of EPA review of completed SCM	Operaton and maintenance requirements
McCormick & Baxter	74	7.0E	6900 N Edgewater Street	Scott Manzano	Superfund agreement with EPA	remedy implement d	te 03/09/06	Other	N/A			N/A	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Arkema	398	7.2 W 6	6400 NW Front	Matt McClincy	Pre-PH VCP Formal Agr for RI/FS (9/98)	FS	08/03/10	Groundwater (Chlorobenzene/DDT Plume)	Completed		Completed April 07	Pathway is complete	High		EPA May 07 Completed	Draft focused feasibility study (ffs) for proposed hydraulic containment wall/system submitted May 08, Response to EPA/DEQ comments received Sept. 2008.	1,800 foot top of bank slurry wall, groundwater pump and treat system recommended.	Submitted for EPA review February 24, 2009	Interim SCMs include AS/SVE system, initiated in- situ chem-ox treatment		Groundwater containment system in design scheduled to be operational Jan 2012			
Arkema	398	7.2 W 6	6400 NW Front	Matt McClincy	Pre-PH VCP Formal Agr for RI/FS (9/98)	FS	08/03/10	Groundwater (Hexavalent Chromium Plume)	Completed		Completed April 07	Pathway is complete	High		EPA May 07 Completed	Draft focused feasibility study (ffs) for proposed hydraulic containment wall/system submitted May 08, Response to EPA/DEQ comments received Sept. 2008.	1,800 foot top of bank slurry wall, groundwater pump and treat system recommended.	Submitted for EPA review February 24, 2009	Interim SCMs include in-situ calcium polysulfide treatment		Groundwater containment system in design scheduled to be operational Jan 2012			
Arkema	398	7.2 W 6	6400 NW Front	McCility	Pre-PH VCP Formal Agr for RI/FS (9/98)	FS	08/03/10	Groundwater (Perchlorate Plume) Groundwater Lots 1, 2	Completed		Completed April 07	Pathway is complete	High		EPA May 07 Completed	Draft focused feasibility study (ffs) for proposed hydraulic containment wall/system submitted May 08, Response to EPA/DEQ comments received Sept. 2008.	1,800 foot top of bank slurry wall, groundwater pump and treat system recommended.	Submitted for EPA review February 24, 2009	Bench scale treatability study completed April 2008		Groundwater containment system in design scheduled to be operational Jan 2012			
Arkema	398	7.2 W	6400 NW Front	Matt McClincy	Pre-PH VCP Formal Agr for RI/FS (9/98)	FS	08/03/10	and northern portion of Lot 3	Ongoing	Rhone Poulenc SCE	4th Quarter 2010	Pathway is complete	p High											
Arkema	398	7.2 W 6	6400 NW Front	Matt McClincy	Pre-PH VCP Formal Agr for RI/FS (9/98)	FS	08/03/10	Overland Transport/Sheet Flow	Ongoing	Part of Stormwater FFS	DEQ currently reviewing	Waiting on SCE to be completed	to be determined	High	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Arkema	398	7.2 W	6400 NW Front	Matt McClincy	Pre-PH VCP Formal Agr for RI/FS (9/98)	FS	08/03/10	Bank Erosion	Completed			River Bank soil contaminant levels exceed action levels	High		Anticipate integrating with EPA in-water action	Review of riverbank remedial alternatives in progress	Timing of SCM to be coordinated with EPA Early Action		None					
Arkema	398	7.2 W 6	6400 NW Front	Matt McClincy	Pre-PH VCP Formal Agr for RI/FS (9/98)	FS	08/03/10	Stormwater	Completed			Contaminants in stormwater exceed screening values (AWQC)	High				DEQ Water Quality Mutal Agreement and Order signed for new stormwater collection and treatment system		Interim SCMs include BMPs, surface soil removals and surface soil caps		Abandon existing system, update temporary caps to limit stormwater transport, construct new stormwater collection and treatment system by Jan 2012			
Arkema	398	7.2 W	6400 NW Front	Matt McClincy	Pre-PH VCP Formal Agr for RI/FS (9/98)	FS	08/03/10	Overwater Activities	N/A	N/A	N/A	N/A	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Arkema	398	7.2 W	6400 NW Front	Matt McClincy	Pre-PH VCP Formal Agr for RI/FS (9/98)	FS	08/03/10	Other	N/A	N/A	N/A	N/A	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Air Liquide	395	7.2 W	6529 NW Front Ave.	Dave Lacey	Letter Agreement 1/09	XPA	06/21/10	Overland Transport/Sheet Flow	N/A	N/A	N/A	N/A	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Air Liquide	395	7.2 W	6529 NW Front Ave.	Dave Lacey	Letter Agreement 1/09	XPA	06/21/10	Bank Erosion	N/A	N/A	N/A	N/A	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Air Liquide	395	7.2 W	6529 NW Front Ave.	Dave Lacey	Letter Agreement 1/09	XPA	06/21/10	Groundwater	Ongoing	TBD	TBD	Waiting on SCE to be completed	to be determined	p Med	Waiting on SCE completion									
Air Liquide	395	7.2 W	6529 NW Front Ave.	Dave Lacey	Letter Agreement 1/09	XPA	06/21/10	Stormwater	Ongoing	Stormwater Assessment	4th Qtr 2010	Waiting on SCE to be completed	p Med		Waiting on SCE completion									
Air Liquide	395	7.2 W	6529 NW Front Ave.	Dave Lacey	Letter Agreement 1/09	XPA	06/21/10	Overwater Activities	N/A	N/A	N/A	N/A	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Air Liquide	3342	7.2 W	6529 NW Front Ave.	Dave Lacey	Letter Agreement 1/09	XPA	06/21/10	Other	N/A	N/A	N/A	N/A	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Metro Central Transfer Station	1398	7.2 W	6161 NW 61 Ave	Dave Lacey	Letter Agreement 1/10	XPA	06/21/10	Groundwater	Ongoing	TBD	TBD	Waiting on SCE to be completed	to be determined		Waiting on SCE completion									
Metro Central Transfer Station	1398	7.2 W	6161 NW 61 Ave	Dave Lacey	Letter Agreement 1/10	XPA	06/21/10	Stormwater	Ongoing	Stormwater Assessment	4th Qtr 2010	Waiting on SCE to be completed	p Med	p Med	Waiting on SCE completion									
Metro Central Transfer Station	1398	7.2 W	6161 NW 61 Ave	Dave Lacey	Letter Agreement 1/10	XPA	06/21/10	Overwater Activities	N/A	N/A	N/A	N/A	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Metro Central Transfer Station	1398	7.2 W	6161 NW 61 Ave	Dave Lacey	Letter Agreement 1/10	XPA	06/21/10	Other	N/A	N/A	N/A	N/A	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Schnitzer Investment Doane Lake	395	7.2 W	6529 NW Front Ave.	Dave Lacey	Agreement negotiations ongoing	XPA	06/21/10	Overland Transport/Sheet Flow	Not Started	TBD	No current schedule.	N/A	to be determined		TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD

			•	ources of	contamination to the					Source Con	trol Evalu	uation (SCE)				Sourc	e Contro	Decisions	(SCDs) ar	nd Status o	f Source Con	trol Ma	agurae (SCMe)
	Site	e infor	mation		Projec	t status	,			Source Con	LI OI EVAIL					Sourc	e Contro	Decisions	(SCDS) ai	ia Status O	- Source Con	LI OI WIG	casures (———
Site name	ECSI#	River mile	Address	DEQ PM	Type of agreement directing source control	Project status	Date last modified (m-d-y)	SCE Pathway	Status of SCE	Major SCE tasks to be completed	Schedule for completing SCE	Basis for determination need	ded Pathway	Site priority level	Status of EPA review of SCE decision	Source control alternatives evaluation and schedule (m-y)	Selected SCMs	Status of EPA review of SCM selection decision	SCM activities completed to date (m-y)	Mass or volume of contaminants controlled	Additional Proposed SCM activities to be done and schedule (m- y)	Date SCM completed (m-y)	Status of EPA review of completed SCM	Operaton and maintenance requirements
Schnitzer Investment Doane Lake	395	7.2 W	6529 NW Front Ave.	Dave Lacey	Agreement negotiations ongoing	XPA	06/21/10	Bank Erosion	N/A	N/A	N/A	N/A	N/A		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Schnitzer Investment Doane Lake	395	7.2 W	6529 NW Front Ave.	Dave Lacey	Agreement negotiations ongoing	XPA	06/21/10	Groundwater	Not Started	TBD	No current schedule.	TBD	p Med	p Med	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD
Schnitzer Investment Doane Lake	395	7.2 W	6529 NW Front Ave.	Dave Lacey	Agreement negotiations ongoing	XPA	06/21/10	Stormwater	Not Started	TBD	No current schedule.	TBD	p Med	_	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD
Schnitzer Investment Doane Lake	395	7.2 W	6529 NW Front Ave.	Dave Lacey	Agreement negotiations ongoing	XPA	06/21/10	Overwater Activities	N/A	N/A	N/A	N/A	N/A		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Schnitzer Investment Doane Lake	395	7.2 W	6529 NW Front Ave.	Dave Lacey	Agreement negotiations ongoing	XPA	06/21/10	Other	Not Started	TBD	No current schedule.	TBD	to be determined		TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD
GS Roofing	117	7.5 W	6350 NW Front	Ken Thiessen	VCP - PH Agr	RI	07/06/10	Overland Transport/Sheet Flow	Ongoing	Finish characterization by First Quarter 2011	TBD	TBD	p Low		Waiting on SCE to be completed.									
GS Roofing	117	7.5 W	6350 NW Front	Ken Thiessen	VCP - PH Agr	RI	07/06/10	Bank Erosion	Ongoing	Finish characterization by First Quarter 2011	TBD	TBD	p Low		Waiting on SCE to be completed.									
GS Roofing	117	7.5 W	6350 NW Front	Kon	VCP - PH Agr	RI	07/06/10	Groundwater	Ongoing	Finish characterization by First Quarter 2011	TBD	TBD	p Low		Waiting on SCE to be completed.									
GS Roofing	117	7.5 W	6350 NW Front	Von	VCP - PH Agr	RI	07/06/10	Stormwater	Ongoing	Follow up stormwater system characterization by First	TBD	Complete	p Med	p Med	Waiting on SCE to be completed.									
GS Roofing	117	7.5 W	6350 NW Front	Ken	VCP - PH Agr	RI	07/06/10	Overwater Activities	N/A	Quarter 2011 N/A	N/A	N/A	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GS Roofing			6350 NW Front	Ken	VCP - PH Agr	RI	07/06/10	Other	N/A	N/A	N/A	N/A	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Triangle Pari	277	7.5 E	5828 N Van Houten	Thiessen Mark Ader EPA	Federal PPA 2006	EE/CA	08/02/10	Overland Transport/Sheet Flow	Completed				Medium based on		EPA reviewed & commented on	EPA EE/CA planned for 4th Quarter 2010					1111	1301	1971	
Triangle Pari	277	7.5 E	5828 N Van Houten	Mark Ader EPA	Federal PPA 2006	EE/CA	08/02/10	Bank Erosion	Completed				Medium based on DEQ 2004	-	DEQ's 2004 SCD EPA reviewed & commented on DEQ's 2004 SCD	EPA EE/CA planned for 4th Quarter 2010								
Triangle Pari		7.5 E	5828 N Van Houten	Mark Ader EPA	Federal PPA 2006	EE/CA	08/02/10	Groundwater	Completed				TBD based on DEQ 2004		EPA reviewed & commented on DEQ's 2004 SCD	EPA EE/CA planned for 4th Quarter 2010								
Triangle Pari	277	7.5 E	5828 N Van Houten	Mark Ader EPA	Federal PPA 2006	EE/CA	08/02/10	Stormwater	Completed				Medium based on DEQ 2004	Medium	EPA reviewed & commented on DEQ's 2004 SCD	EPA EE/CA planned for 4th Quarter 2010								
Triangle Par (N PDX Yard		7.5 E	5828 N Van Houten	Mark Ader EPA	Federal PPA 2006	EE/CA	08/02/10	Overwater Activities	Completed				none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Triangle Par (N PDX Yard	277	7.5 E	5828 N Van Houten	Mark Ader EPA	Federal PPA 2006	EE/CA	08/02/10	Other - Petroleum pipeline enters at south end of site from beneath the river	Completed				Low based on DEQ 2004		EPA reviewed & commented on DEQ's 2004 SCD	EPA EE/CA planned for 4th Quarter 2010								
Gould Electronics, Ir aka GA-TEk	nc 49	7.5W	5909 NW 61st Ave	EPA lead; Chip Humphrey	EPA Consent Decree		03/15/06	Overland Transport/Sheet Flow	N/A	N/A	N/A	N/A	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Gould Electronics, Ir aka GA-TEk	ac 49	7.5W	5909 NW 61st Ave	EPA lead; Chip Humphrey	EPA Consent Decree		03/15/06	Bank Erosion	N/A	N/A	N/A	N/A	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Gould Electronics, Ir aka GA-TEK	ac 49	7.5W	5909 NW 61st Ave	EPA lead; Chip Humphrey	EPA Consent Decree		03/15/06	Groundwater	Completed			Insignificant pathway; no actions recommended	Low		EPA issued groundwater NFA based upon risk assessment		No SCM needed						EPA lead	
Gould Electronics, Ir aka GA-TEk		7.5W	5909 NW 61st Ave	EPA lead; Chip Humphrey	EPA Consent Decree		03/15/06	Groundwater/ City Storm Sewer	Completed			Pathway has been eliminated	none	Low	EPA lead									

			•	ources of c	contamination to th					Source Con	trol Evalu	ation (SCF)				Sourc	e Control	Decisions	s (SCDs) an	nd Status of	f Source Con	trol Ma	asures (SCMs)
	Site	inforn	mation		Project	t status				Source Con	ti Oi Evaiu	Basis for determination	that course (ontrol is		Jourc	Control	Decisions	(3003) ai	iu Status O	Source Con	LI OI IVIC	asuies (JOIVIS)
Site name	ECSI#	River	Address	DEQ PM	Type of agreement directing source	Project	Date last modified	SCE Pathway	Status of	Major SCE tasks to be	Schedule for	need	led		Status of EPA review of SCE	Source control alternatives evaluation	Selected SCMs	Status of EPA review of SCM	SCM activities completed to date	Mass or volume of contaminants	Additonal Proposed SCM activities to be	Date SCM completed	Status of EPA review of	Operaton and maintenance
Site Hairie	LOSI #	mile	Address	DLQ FW	control	status	(m-d-y)	SOL Falliway	SCE	completed	completing SCE	Pathway determination	Pathway priority level	Site priority level	decision	and schedule (m-y)	Selected SCIVIS	selection decision	(m-y)	controlled	done and schedule (m- y)		completed SCM	requirements
Gould		7.50	5909 NW 61st	EPA lead;	FDA 0		00/45/00	0	Consists d			Historically pathway existed. Current		ievei	EDA local		1) Contaminated soil removal and containment (landfill); 2) Sediment						EDA Inch	
Electronics, Inc aka GA-TEK	49	7.5W	Ave	Chip Humphrey	EPA Consent Decree		03/15/06	Stormwater	Completed			discharge insignificant pathway; no actions recommended	Low		EPA lead		removal; 3) RCRA waste containment; 4) Removed waste pond 5) O&M ongoing						EPA lead	
Gould Electronics, Inc aka GA-TEK	49	7.5W	5909 NW 61st Ave	EPA lead; Chip Humphrey	EPA Consent Decree		03/15/06	Overwater Activities	N/A	N/A	N/A	N/A	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Gould Electronics, Inc aka GA-TEK	49	7.5W	5909 NW 61st Ave	EPA lead; Chip Humphrey	EPA Consent Decree		03/15/06	Other - Historic and Current NPDES permit	Completed			Historically pathway existed. Current discharge insignificant pathway; no actions recommended	Low		EPA lead		Removed waste pond (East Doane Lake); O&M ongoing						EPA lead	
Willbridge (Kinder Morgan, Chevron, Conoco Phillips)	1549	7.7 W	Front Ave & NW Doane	Mike Romero	Pre-PH Consent Order (3/94)	RI/FS	06/30/10	Overland Transport/Sheet Flow	Completed			Insignificant pathway; no actions recommended	Low		Submitted to EPA fall 2004; no comments		No SCM needed						N/A	
Willbridge (Kinder Morgan, Chevron, Conoco Phillips)	1549	7.7 W	Front Ave & NW Doane	Mike Romero	Pre-PH Consent Order (3/94)	RI/FS	06/30/10	Bank Erosion	Completed	Erodable Soils sampling conducted	Spring 2010	Insignificant pathway; no actions recommended	Low		Submitted to EPA fall 2004; no comments.								N/A	
Willbridge (Kinder Morgan, Chevron, Conoco Phillips)	1549	7.7 W	Front Ave & NW Doane	Mike Romero	Pre-PH Consent Order (3/94)	RI/FS	06/30/10	Groundwater	Ongoing	Chevron and Conoco conducting one GW SCE, Kinder Morgan conducting individual SCE	2nd qtr 2011 for Kinder Morgan, 4th qtr 2010 for Chevron/Conoco	GW suspected migration pathway	High		1st SCE submitted to EPA fall 2004; no comments. Waiting for revised GW SCE that includes deep groundwater and new site info to be completed	no alternatives evaluation needed	Product recovery & hydraulic containment for shallow GW (sheet pile wall)	Proposed SCM submitted to EPA fall 2004; no comments	hydraulic containment and treatment		containment system installed 2006,			Effectiveness monitoring and operation and maintenance on going
Willbridge (Kinder Morgan, Chevron, Conoco Phillips)	1549	7.7 W	Front Ave & NW Doane	Mike Romero	Pre-PH Consent Order (3/94)	RI/FS	06/30/10	Stormwater	Ongoing	Stormwater characterization started fall 07, Chevron SCE complete	4th Quarter 2010	Waiting on SCE to be completed at KinderMorgan and Conoco, Chevron SCE under review	to be determined	High	Waiting on SCE to be completed at 3 facilities.		Leaking stormwater covenanyce system repaired to stop GW infilitration at Conoco and KM (Saltzman creek)		OF-22 repaired 8/09, Conoco and Ceheron site specifc repairs, KM- Saltzman creek repairs		Repair stormwater system begun 11/07			
Willbridge (Kinder Morgan, Chevron, Conoco Phillips)	1549	7.7 W	Front Ave & NW Doane	Mike Romero	Pre-PH Consent Order (3/94)	RI/FS	06/30/10	Overwater Activities	N/A	N/A	N/A	No known current sources (spills reported to OERS)	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Willbridge (Kinder Morgan, Chevron, Conoco Phillips)	1549	7.7 W	Front Ave & NW Doane		Pre-PH Consent Order (3/94)	RI/FS	06/30/10	Other	N/A	N/A	N/A	N/A	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
McCall Oil	134	7.8 W	5550 NW Front	Jim Orr	PH Agr for RI/CSM (3/00)	RI	07/01/10	Overland Transport/Sheet Flow	Ongoing	Part of stormwater characterization	1st Qtr 2011	Waiting on SCE to be completed	p Low		Waiting on SCE to be completed.	NA	NA	NA	NA	NA	NA	NA	NA	NA
McCall Oil	134	7.8 W	5550 NW Front	Jim Orr	PH Agr for RI/CSM (3/00)	RI	07/01/10	Bank Erosion	Ongoing	Additional riverbank sampling	1st Qtr 2011	Waiting on SCE to be completed	p Low		Waiting on SCE to be completed.	NA	NA				NA	NA	NA	NA
McCall Oil			5550 NW Front		PH Agr for RI/CSM (3/00) PH Agr for RI/CSM	RI	07/01/10	Groundwater	Ongoing	Additional groundwater data needed Stormwater characterization	1st Qtr 2011	Waiting on SCE to be completed Waiting on SCE to be	p Med	p Med	Waiting on SCE to be completed. Waiting on SCE to	NA	NA				NA	NA	NA	NA
McCall Oil McCall Oil			5550 NW Front 5550 NW Front		(3/00) PH Agr for RI/CSM	RI RI	07/01/10	Stormwater Overwater Activities	Ongoing	and evaluation Pathway needs to be	1st Qtr 2011	completed Waiting on SCE to be	p Med		be completed.	NA N/A	NA N/A	N/A	N/A	N/A	NA N/A	NA N/A	NA N/A	NA N/A
McCall Oil			5550 NW Front		(3/00) PH Agr for RI/CSM	RI	07/01/10	Overwater Activities Other	Ongoing N/A	evaluated in SCE N/A	1st Qtr 2011 N/A	completed N/A	p Low none		N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A
Anderson			5275 & 5315	Bob	(3/00)			Overland						1.										
Brothers Property Anderson	970		NW St. Helens Rd. 5275 & 5315	Schwarz	ICP	NFA	12/10/09	Transport/Sheet Flow	Completed	None	N/A	N/A	none	Low	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Brothers Property Anderson	970	8 W	NW St. Helens Rd. 5275 & 5315	Schwarz	ICP	NFA	12/10/09	Bank Erosion	Completed	None	N/A	N/A	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Brothers Property Anderson	970	8 W	NW St. Helens Rd. 5275 & 5315	Bob Schwarz	ICP	NFA	12/10/09	Groundwater	Completed	None	N/A	N/A	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Brothers Property	970	8 W	NW St. Helens Rd.	Bob Schwarz	ICP	NFA	12/10/09	Stormwater	Completed	None	NA	Complete	Low		December 2009	NA	NA	NA	NA	NA	NA	NA	NA	NA
Anderson Brothers Property	970		5275 & 5315 NW St. Helens Rd.	Bob Schwarz	ICP	NFA	12/10/09	Overwater Activities	Completed	None	N/A	N/A	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Anderson Brothers Property	970		5275 & 5315 NW St. Helens Rd.	Bob Schwarz	ICP	NFA	12/10/09	Other	Completed	None	N/A	N/A	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

				ources of	contamination to the					Source Con	trol Evalu	ation (SCF)				Sourc	e Contro	Decisions	: (SCDs) ar	nd Status o	f Source Con	trol M	ageurae (SCMs)
	Sit	te info	ormation	1	Projec	t status			1	Source con	ti Oi Evaiu					Jourc	Contro	Decisions	(SCDS) ai	Tu Status U	T Source Con	ILI OI IVI	casures (
Site name	ECSI #	# Rive	r Address	DEQ PM	Type of agreement directing source control	Project status	Date last modified (m-d-y)	SCE Pathway	Status of SCE	Major SCE tasks to be completed	Schedule for completing SCE	Basis for determination need Pathway determination		Site priority level	Status of EPA review of SCE decision	Source control alternatives evaluation and schedule (m-y)	Selected SCMs	Status of EPA review of SCM selection decision	SCM activities completed to date (m-y)	Mass or volume of contaminants controlled	Additonal Proposed SCM activities to be done and schedule (m- y)	Date SCM completed (m-y)	Status of EPA review of completed SCM	Operaton and maintenance requirements
Chevron Asphalt	1281	8.0 V	V 5501 NW Fron	Mark Pugh	PH Letter Agr for SCE (6/06)	O&M	05/25/10	Overland Transport/Sheet Flow	N/A	N/A	N/A	N/A	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Chevron Asphalt	1281	8.0 V	V 5501 NW Fron	Mark Pugh	PH Letter Agr for SCE (6/06)	O&M	05/25/10	Bank Erosion	N/A	N/A	N/A	N/A	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Chevron Asphalt	1281	8.0 V	V 5501 NW Fron	Mark Pugh	PH Letter Agr for SCE (6/06)	O&M	05/25/10	Groundwater	Completed	N/A	N/A	Insignificant pathway; no actions recommended	Low	Low	EPA has reviewed and commented on SCD	No measures needed	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Chevron Asphalt	1281	8.0 V	V 5501 NW Fron	Mark Pugh	(0/00)	O&M	05/25/10	Stormwater	Completed	N/A	N/A	Pathway is complete	Low		EPA has reviewed and commented on SCD	Completed;	In-line sediment removal; enhanced BMPs	Completed and ongoing Source control measures are	basin inserts, inspection and catch	approximately 1 ton of catch basin and in-line solids removed to		August 2009; ongoing	EPA has reviewed and commented on	BMPs as documented in revised SWPCP
Chevron Asphalt Chevron			V 5501 NW From		PH Letter Agr for SCE	O&M O&M	05/25/10 05/25/10	Overwater Activities Other	N/A N/A	N/A N/A	N/A N/A	N/A N/A	none		N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A
Asphalt Willbridge	_	5 8.0 V	5814 NW	Shawn	(6/06) Letter Agr for XPA	XPA	07/27/10	Overland	N/A	N/A	N/A	N/A	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Railyard Willbridge	3395		5814 NW	Rapp Shawn	Letter Agr for XPA	XPA	07/27/10	Transport/Sheet Flow Bank Erosion	N/A	N/A	N/A	N/A	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A N/A	N/A
Railyard Willbridge Railyard	3395		5814 NW	Shawn Rapp	Letter Agr for XPA	XPA	07/27/10	Groundwater	Ongoing	None	2nd Qtr 2011	No known current sources (spills will be reported to OERS)	p Low		Waiting on SCE completion	No measures needed	N/A	IN/A	N/A	IVA	IVA	N/A	IVA	IVA
Willbridge Railyard	3395	5 8.0 V	V 5814 NW Doane Ave.	Shawn Rapp	Letter Agr for XPA	XPA	07/27/10	Stormwater	Ongoing	Working with neighboring sites to determine pipe locations, flow, ownership and conditions	2nd Qtr 2011	Waiting on SCE to be completed	p Low	p Low	Waiting on SCE completion		Pending SCE completion. Site piping receiving contaminants from city streets.							
Willbridge Railyard	3395	8.0 V	V 5814 NW Doane Ave.	Shawn Rapp	Letter Agr for XPA	XPA	07/27/10	Overwater Activities	N/A	N/A	N/A	N/A	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Willbridge Railyard	3395	5 8.0 V	EQ44 NIM	Shawn Rapp	Letter Agr for XPA	XPA	07/27/10	Other	N/A	N/A	N/A	N/A	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Glacier Northwest Inc	2378	8.1 V	5024 NW Fron					Overland Transport/Sheet Flow																
Glacier Northwest Inc	2378	8.1 V	5034 NW Fron	Mike Romero				Bank Erosion																
Glacier Northwest Inc	2378	8.1 V	5034 NW Fron Ave	Mike Romero	Part of Front Ave LP			Groundwater																
Glacier Northwest Inc	2270	8.1 V	V 5034 NW Fron		site, see ESCI #1239			Stormwater																
Glacier Northwest Inc	2378	8.1 V	5034 NW Fron					Overwater Activities																
Glacier Northwest Inc	2270	8.1 V	FO24 NIW From					Other																
Front Ave LP	1239	8.2 V	4950, 5034 & 5200 NW Fron	Mike Romero	VCP Letter Agr for PA (1/02)	RI	06/30/10	Overland Transport/Sheet Flow	N/A	N/A	N/A	N/A	none		NA	NA	NA	NA	NA	NA	N/A	N/A	N/A	N/A
Front Ave LP	1239	8.2 V	4950, 5034 & 5200 NW Fron		VCP Letter Agr for PA (1/02)	RI	06/30/10	Bank Erosion	Ongoing	Conducting XPA and SCE	4thQtr 2010	Waiting on SCE to be completed	p Low		Waiting on SCE to be completed.									
Front Ave LP	1239	8.2 V	4950, 5034 & 5200 NW Fron	Mike t Romero	VCP Letter Agr for PA (1/02)	RI	06/30/10	Groundwater	Ongoing	Conducting XPA and SCE	4th Qtr 2010	Waiting on SCE to be completed	p Low	p Low	Waiting on SCE to be completed.									
Front Ave LP	1239	8.2 V	4950, 5034 & 5200 NW Fron		VCP Letter Agr for PA (1/02)	RI	06/30/10	Stormwater	Ongoing	Conducting XPA, additional sampling needed for SCE completion	4th Qtr 2010	Waiting on SCE to be completed	to be determined		Waiting on SCE to be completed.									
Front Ave LP	1239	8.2 V	4950, 5034 & 5200 NW Fron		VCP Letter Agr for PA (1/02)	RI	06/30/10	Overwater Activities	N/A	N/A	N/A	No known current sources (spills reported to OERS)	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Front Ave LP	1239	8.2 V	4950, 5034 & 5200 NW Fron	Mike Romero	VCP Letter Agr for PA (1/02)	RI	06/30/10	Other	N/A	N/A	N/A	N/A	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
US Navy Reserve	5109	8.2 V	6735 Norh Basin Avenue	Jim Orr	Agreement Not Established	RI/SCE	07/29/10	Overland Transport/Sheet Flow	Not Started	Not Started	Unknown Waiting for Navy Funding	Unknown	p Med		Waiting on SCE to be completed.									
US Navy Reserve	5109	8.2 V	6735 Norh Basin Avenue	Jim Orr	Agreement Not Established	RI/SCE	07/29/10	Bank Erosion	Not Started	Not Started	Unknown Waiting for Navy Funding	Unknown	p Med		Waiting on SCE to be completed.									
US Navy Reserve	5109	9 8.2 E	6735 Norh Basin Avenue	Jim Orr	Agreement Not Established	RI/SCE	07/29/10	Groundwater	Not Started	Not Started	Unknown Waiting for Navy Funding	Unknown	p Med	p Med	Waiting on SCE to be completed.									
US Navy Reserve	5109	8.2 E	6735 Norh Basin Avenue	Jim Orr	Agreement Not Established	RI/SCE	07/29/10	Stormwater	Not Started	Not Started	Unknown Waiting for Navy Funding	Unknown	p Med		Waiting on SCE to be completed.									
US Navy Reserve	5109	8.2 E	6735 Norh Basin Avenue	Jim Orr	Agreement Not Established	RI/SCE	07/29/10	Overwater Activities	Not Started	Not Started	Unknown Waiting for Navy Funding	Unknown	p Med		Waiting on SCE to be completed.									

Site information Site name ECSI # River mile Address US Navy Reserve 5109 8.2 E 6735 Nt Basin Ave	dress DEQ I	Type of agreem	_ FIOJ				Source Con	u oi Evalu	ation (SCE)					e contro		o (OODS) al	u Jialus VI	f Source Con	CI OI IVIE	, a 3 u i C 3 (JUI113]
US Navy 5109 8.2 E 6735 No.	5 Norh	PM directing sour	_ FIOJ	Data						41-4	**	1	Court			,			1	<u> </u>	
US Navy 5109 8.2 E 6735 No.	5 Norh				ast SCE Bathway	Status of	Major SCE tasks to be	Schedule for	Basis for determination need	led		Status of EPA	Source control	Palasted Co.	Status of EPA	SCM activities	Mass or volume of	Additonal Proposed SCM activities to be		Status of EPA	Operaton and
			stat	us modi (m-c		SCE	completed	completing SCE	Pathway determination		Site priority level	review of SCE decision	alternatives evaluation and schedule (m-y)	Selected SCMs	review of SCM selection decision	completed to date (m-y)	contaminants controlled	done and schedule (m- y)	completed (m-y)	review of completed SCM	maintenance requirements
		Orr Agreement No Established	RI/S	CE 07/29	10 Other	Not Started	Not Started	Unknown Waiting for Navy Funding	Unknown	p Med		Waiting on SCE to be completed.									
USCG 1338 8.2 E 6767 N B			(04) RI	07/0	Overland Transport/Sheet Flow	Ongoing		4th Quarter 2010	Insignificant pathway; no actions recommended	p Low		Waiting on SCE to be completed.									
USCG 1338 8.2 E 6767 N B Ave.		VCP Letter Agr (2	(04) RI	07/0	10 Bank Erosion	Ongoing		4th Quarter 2010	Insignificant pathway; no actions recommended	p Low		Waiting on SCE to be completed.									
USCG 1338 8.2 E 6767 N B			(04) RI	07/01	Groundwater	Ongoing		4th Quarter 2010	Insignificant pathway; no actions recommended	p Low		Waiting on SCE to be completed.									
USCG 1338 8.2 E 6767 N B			(04) RI	07/01	10 Stormwater	Ongoing	Sampling stormwater system	4th Quarter 2010	Waiting on SCE to be completed	p Med	p Med	Waiting on SCE to be completed.									
USCG 1338 8.2 E 6767 N B	N Basin Shav	awn VCB Lotter Agr ((04) RI	07/01	10 Overwater Activities	Ongoing		4th Quarter 2010	No known current sources (spills will be reported to OERS)	Low		Waiting on SCE to be completed.									
USCG 1338 8.2 E 6767 N B Ave.			(04) RI	07/01	10 Other	N/A	N/A	N/A	N/A	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Kittridge 2442 8.3 W 4959 NW	NW Front McClin	PH Letter Agr for (9/00)	KPA NF	A 03/13	Overland Transport/Sheet Flow	Completed			Insignificant pathway; no actions recommended	Low		EPA reviewed and commented 8/2002		No SCM needed							
Kittridge 2442 8.3 W 4959 NW	W Front McClin	att PH Letter Agr for (9/00)	(PA NF.	A 03/13	06 Bank Erosion	N/A			N/A	none		EPA reviewed and commented 8/2002		No SCM needed							
Kittridge 2442 8.3 W 4959 NW	NW Front Mat McClin		(PA NF.	A 03/13	06 Groundwater	Completed			Insignificant pathway; no actions recommended	Low	Low	EPA reviewed and commented 8/2002		No SCM needed							
Kittridge 2442 8.3 W 4959 NW	NW Front McClin	att PH Letter Agr for (9/00)	(PA NF	A 03/13	06 Stormwater	Completed			Insignificant pathway	Low		EPA reviewed and commented 8/2002		No SCM needed							
Kittridge 2442 8.3 W 4959 NW	W Front Mat McClin	att PH Letter Agr for (9/00)	(PA NF.	A 03/13	Overwater Activities	N/A	N/A	N/A	N/A	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Kittridge 2442 8.3 W 4959 NW	NW Front Mat McClin		(PA NF.	A 03/13	Other	N/A	N/A	N/A	N/A	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Fred Devine 2365 8.3 E 6211 N Er	N Ensign Kare Tarno	ren VCP Letter Agree	nent XP	A 07/27	Overland Transport/Sheet Flow	N/A	N/A	N/A	No known current sources (spills will be reported to OERS)	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Fred Devine 2365 8.3 E 6211 N Er	N Ensign Kare Tarno	ren VCP Letter Agree	nent XP.	A 07/27	10 Bank Erosion	N/A	N/A	No current schedule.	No known current sources (spills will be reported to OERS)	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Fred Devine 2365 8.3 E 6211 N E	N Ensign Kare		nent XP	A 07/27	10 Groundwater	N/A	N/A	No current schedule.	No known current sources (spills will be reported to OERS)	none	p Low	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Fred Devine 2365 8.3 E 6211 N E	N Ensign Kare		nent XP.	A 07/27	10 Stormwater	Ongoing	Complete stormwater system characterization	4th Qtr 2010	to be determined	p Low		Waiting on SCE to be completed.				BMPs such as catch basin inserts, inspection and catch basin cleanout on periodic basis					
Fred Devine 2365 8.3 E 6211 N E	N Ensign Kare		nent XP.	A 07/27	10 Overwater Activities	N/A	N/A	N/A	No known current sources (spills reported to OERS)	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Fred Devine 2365 8.3 E 6211 N E	Vore	ren VCP Letter Agree	nent XP.	A 07/27	10 Other	N/A	N/A	N/A	N/A	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Freightliner Truck Plant 2366 8.3 E 6936 N Fa	Rome	nero (12/02)	KI	06/30	10 Overland Transport/Sheet Flow	N/A	N/A	N/A	N/A	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Freightliner Truck Plant Ereightliner 2366 8.3 E 6936 N Fa	Kome	nero (12/02)	M			N/A	N/A determine nature and extent of	N/A	N/A Waiting on SCE/RI	none		N/A Waiting on SCE/RI	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Freightliner Truck Plant 2366 8.3 E 6936 N Fa	V Fathom Rome		-MI RI	06/30	10 Groundwater	Ongoing	VOC plume	4th Qtr 2010	report to be completed	p Low		to be completed.		DD voluntarily							
Freightliner Truck Plant 2366 8.3 E 6936 N Fa	Mike Rome		M RI	06/30	10 Stormwater	Ongoing	SW evaluation started 07'	1st Qtr 2011	Waiting on SCE to be completed	to be determined	p Low	Waiting on SCE to be completed.		RP voluntarily applying SW engineering controls on Ensign Street Outfall; coating metal roof; stormwater system sediment cleanout 06-07 prior to completing screening							
Freightliner Truck Plant 2366 8.3 E 6936 N Fa	I Fathom Mike Rome		M RI	06/30	Overwater Activities	N/A	N/A	N/A	N/A	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Freightliner Truck Plant 2366 8.3 E 6936 N Fa	I Fathom Mike		M RI	06/30	10 Other	N/A	N/A	N/A	N/A	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

	Confi	irmed (or suspected :	ources of	contamination to	the river				Source Con	trol Evalu	ration (SCE)				Source	o Control	Docisions	e (SCDe) ar	ad Status o	f Source Con	trol Ma	nacuros (SCMc)
	Sit	te info	ormation	1	Proje	ct status				Source Con	LI OI EVAIU				T	Sourc	e Control	Decisions	S (SCDS) al	iu Status o	1 Source Con	LI OI IVIE	easures (
a :-		" Rive	er	250 211	Type of agreemen	Project	Date last	0055.4	Status of	Major SCE tasks to be	Schedule for	Basis for determination need		control is	Status of EPA	Source control		Status of EPA	SCM activities	Mass or volume of	Additonal Proposed SCM activities to be	Date SCM	Status of EPA	Operaton and
Site name	ECSI	# mile		DEQ PM	directing source control	status	modified (m-d-y)	SCE Pathway	SCE	completed	completing SCE	Pathway determination	Pathway priority level	Site priority level	review of SCE decision	alternatives evaluation and schedule (m-y)	Selected SCMs	review of SCM selection decision	completed to date (m-y)	contaminants controlled	done and schedule (m- y)	completed (m-y)	review of completed SCM	maintenance requirements
Lakeside Industries	2372	2 8.4 V	W 4850 NW Fron	t Jim Orr	PH Letter Agr for XF (3/02)	A XPA	07/11/10	Overland Transport/Sheet Flow	N/A	N/A	N/A	N/A	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Lakeside Industries	2372	2 8.4 V	W 4850 NW From	t Jim Orr	PH Letter Agr for XF (3/02)	A XPA	07/01/10	Bank Erosion	Ongoing	Prepare SCE report	To be determined	Insignificant pathway; no actions recommended	p Low		Waiting on SCE completion									
Lakeside Industries	2372	2 8.4 V	N 4850 NW Fron	t Jim Orr	PH Letter Agr for XF (3/02)	A XPA	07/01/10	Groundwater	Ongoing	Prepare SCE report	To be determined	Waiting on SCE to be completed	p Low		Waiting on SCE completion		UIC closures in 2003							
Lakeside Industries	2372	2 8.4 V	W 4850 NW Fron	t Jim Orr	PH Letter Agr for XF (3/02)	A XPA	07/01/10	Stormwater	Ongoing	Initiate stormwater evaluation	To be determined	Waiting on SCE to be completed	to be determined	p Low	Waiting on SCE completion		Interim SCM: stormwater UICs							
Lakeside Industries	2372	2 8.4 V	W 4850 NW Fron	t Jim Orr	PH Letter Agr for XF (3/02)	A XPA	07/01/10	Overwater Activities	N/A	N/A	N/A	No known current sources (spills reported to OERS)	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Lakeside Industries	2372	2 8.4 V	/V 4850 NW From	t Jim Orr	PH Letter Agr for XF (3/02)	A XPA	07/01/10	Other	N/A	N/A	N/A	N/A	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Shaver Transportation	2377	7 8.4 V	W 4900 NW Fron	t Mark Pugh	PH Letter Agr for XF (3/01)	A NFA	03/03/06	Overland Transport/Sheet Flow	Completed			Insignificant pathway; no actions recommended	Low		EPA reviewed and commented, 8/2002		No SCM needed							
Shaver Transportation	n 2377	7 8.4 V	W 4900 NW Fron	t Mark Pugh	PH Letter Agr for XF (3/01)	A NFA	03/03/06	Bank Erosion	Completed			Insignificant pathway; no actions recommended	Low		EPA reviewed and commented, 8/2002		No SCM needed							
Shaver Transportation	2377	7 8.4 V	W 4900 NW Fron	t Mark Pugh	PH Letter Agr for XF (3/01)	A NFA	03/03/06	Groundwater	Completed			Insignificant pathway; no actions recommended	Low	Low	EPA reviewed and commented, 8/2002		No SCM needed							
Shaver Transportation	2377	7 8.4 V	W 4900 NW Fron	t Mark Pugh	PH Letter Agr for XF (3/01)	A NFA	03/03/06	Stormwater	Completed			Insignificant pathway; no actions recommended	Low		EPA reviewed and commented, 8/2002		No SCM needed							
Shaver Transportation	2377	7 8.4 V	W 4900 NW Fron	t Mark Pugh	(3/01)	INFA	03/03/06	Overwater Activities	Completed			Insignificant pathway; no actions recommended	Low		EPA reviewed and commented, 8/2002		No SCM needed							
Shaver Transportation	2377	7 8.4 V	W 4900 NW From	t Mark Pugh	PH Letter Agr for XF (3/01)	A NFA	03/03/06	Other	N/A	N/A	N/A	N/A	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Portland Shipyard (Vigo Industrial Portland)	271	8.4 E	E Swan Island	Dave Lace	y Voluntary Agreemer (6/06)	xPA	6/21/2010	Overland Transport/Sheet Flow	To be evaluated by Port of Portland.	N/A	N/A	N/A	N/A		N/A									
Portland Shipyard (Vigo Industrial Portland)	or 271	8.4 E	E Swan Island	Dave Lace	y Voluntary Agreemen (6/06)	t XPA	6/21/2010	Bank Erosion	To be evaluated by Port of Portland.	N/A	N/A	N/A	N/A		N/A									
Portland Shipyard (Vigo Industrial Portland)	or 271	8.4 E	E Swan Island	Dave Lace	y Voluntary Agreemen (6/06)	xPA	6/21/2010	Groundwater	To be evaluated by Port of Portland.	N/A	N/A	N/A	N/A		N/A									
Portland Shipyard (Vigo Industrial Portland)	or 271	8.4 E	E Swan Island	Dave Lace	y Voluntary Agreemen (6/06)	t XPA	6/21/2010	Stormwater	Ongoing	Draft SCE in review	4th Qtr 2010	Complete	p Med	p Med	Waiting on SCE to be completed.									
Portland Shipyard (Vigo Industrial Portland)	or 271	8.4 E	E Swan Island	Dave Lace	y Voluntary Agreemer (6/06)	t XPA	6/21/2010	Overwater Activities	Ongoing	Draft SCE Submitted 4/10 in review	4th Qtr 2010	Waiting on SCE to be completed	p Med		Waiting on SCE to be completed.									
Portland Shipyard (Vigo Industrial Portland)	or 271	8.4 E	E Swan Island	Dave Lace	Voluntary Agreemer (6/06)	t XPA	6/21/2010	Other	N/A	N/A	N/A	N/A	N/A		N/A									
Portland Shipyard (Por of Portland)		8.4 E	E Swan Island	Dave Lacey	Voluntary Agreemen (6/06)	t RI	12/21/09	Overland Transport/Sheet Flow	Ongoing	OU-1 SCE in prepartaion, OU- 2 SCE draft submitted 4/10, OU-3 SCE draft submitted 4/10	4th Qtr 2010	Waiting on SCE to be completed	p Med		Waiting on SCE to be completed									
Portland Shipyard (Por of Portland)		8.4 E	E Swan Island	Dave Lacey	Voluntary Agreemen (6/06)	t RI	12/21/09	Bank Erosion	Ongoing	OU-1 SCE in prepartaion, OU- 2 SCE draft submitted 4/10, OU-3 SCE draft submitted 4/10	4th Qtr 2010	Waiting on SCE to be completed	p Med		Waiting on SCE to be completd									
Portland Shipyard (Por of Portland)	rt 271	8.4 E	E Swan Island	Dave Lacey	Voluntary Agreemer (6/06)	t RI	12/21/09	Groundwater	Ongoing	OU-1 SCE in prepartaion, OU- 2 SCE draft submitted 4/10, OU-3 SCE draft submitted 4/10	4th Qtr 2010	Waiting on SCE to be completed	p Med	p Med	Waiting on SCE to be completd									
Portland Shipyard (Portland)		8.4 E	E Swan Island	Dave Lacey	Voluntary Agreemen (6/06)	t RI	12/21/09	Stormwater	Ongoing	OU-2 SCE draft submitted 4/10, OU-3 SCE draft submitted on 4/10	4th Qtr 2010	Waiting on SCE to be completed	p Med		Waiting on SCE to be completd									
Portland Shipyard (Portland)		8.4 E	E Swan Island	Dave Lacey	Voluntary Agreemen (6/06)	t RI	12/21/09	Overwater Activities	Ongoing	N/A	N/A	N/A	N/A		N/A									
Mt Hood Chemicals	81	8.5 V	W 4444 NW Yeor	Jim Orr	Agreement for Stormwater Assessment & Source Control	e RI/SCE	07/29/10	Overland Transport/Sheet Flow	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Mt Hood Chemicals	81	8.5W	V 4444 NW Yeo	Jim Orr	Agreement for Stormwater Assessment & Source Control	e RI/SCE	07/29/10	Bank Erosion	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Mt Hood Chemicals	81	8.50	V 4444 NW Yeo	n Jim Orr	Agreement for Stormwater Assessment & Source Control	e RI/SCE	07/29/10	Groundwater	Ongoing	Compliance Monitoring of groundwater and sub slab vapors. Treatment of groundwater by Hydrogen Release Compound and Vapor extraction.	4th Qtr 2011	Waiting on SCE to be completed	p Low	p Low	Waiting on SCE to be completed		Operating insitu groundwater VOC treatment HRC and vapor extraction system		Operating insitu groundwater VOC treatment HRC and vapor extraction system December 2010		SCM Complete	December 2010	Schedule for completing final evaluation report: December 2010	periodic inspection and maintenance

					urces of	contamination to t					Source Con	trol Evalu	ration (SCF)				Sourc	e Contro	l Decisions	s (SCDs) ar	nd Status o	f Source Con	trol M	assuras (SCMs)
	S	ite inf	forma	ation		Projec	t status				Source Con	LIOI Evalu				T	Sourc	e Contro	Decisions	o (OCDS) ai	iu Status U	- Source Con	THE TOT IVI	casuics (
		Riv	/er			Type of agreement	Project	Date last		Status of	Major SCE tasks to be	Schedule for	Basis for determination need		control is	Status of EPA	Source control		Status of EPA	SCM activities	Mass or volume of	Additonal Proposed SCM activities to be	Date SCM		Operaton and
Site name	ECS	SI# mi		Address	DEQ PM	directing source control	status	modified (m-d-y)	SCE Pathway	SCE	completed	completing SCE	Pathway determination	Pathway priority level	Site priority level	review of SCE decision	alternatives evaluation and schedule (m-y)	Selected SCMs	review of SCM selection decision	completed to date (m-y)	contaminants controlled	done and schedule (m- y)	completed (m-y)	review of completed SCM	maintenance requirements
Mt Hood Chemicals	81	1 8.5	5W 444	44 NW Yeon	Jim Orr	Agreement for Stormwater Assessment & Source Control	RI/SCE	07/29/10	Stormwater	Ongoing	SCE Work Plan and implementation	4th Qtr 2011	Waiting on SCE to be completed	p Low	p Low	Waiting on SCE to be completed									
Mt Hood Chemicals	81	1 8.5	5W 444	44 NW Yeon	Jim Orr	Agreement for Stormwater Assessment & Source	RI/SCE	07/29/10	Overwater Activities	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Mt Hood Chemicals	81	1 8.5	5W 444	44 NW Yeon	Jim Orr	Control Agreement for Stormwater Assessment & Source	RI/SCE	07/29/10	Other	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PGE Fores Park	t 240	06 8.5	W 4	1400 Block Street	Karen Tarnow	Control 1999 ICP Agreement	NFA	07/27/10	Overland Transport/Sheet Flow	Completed	N/A	N/A	N/A	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
PGE Fores Park	t 240	06 8.5	· M 4	1400 Block Street	Karen Tarnow	1999 ICP Agreement	NFA	07/27/10	Bank Erosion	Completed	N/A	N/A	N/A	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PGE Fores Park	t 240	06 8.5	4	1400 Block Street	Karen Tarnow	1999 ICP Agreement	NFA	07/27/10	Groundwater	Completed	N/A	N/A	N/A	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PGE Fores Park	t 240	06 8.5		1400 Block Street	Karen Tarnow	РРА	SCE	07/27/10	Stormwater	Ongoing	None		Complete	Low	Low	SCD document needs to be prepared by DEQ schedule TBD		PPA with City of Portland requires ongoing erosion control pending site development							
PGE Fores Park	t 240	06 8.5	w 4	1400 Block Street	Karen Tarnow	1999 ICP Agreement	N/A	07/27/10	Overwater Activities	N/A	N/A	N/A	N/A	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PGE Fores Park	t 240	06 8.5	w 4	1400 Block Street	Karen Tarnow	1999 ICP Agreement	N/A	07/27/10	Other	N/A	N/A	N/A	N/A	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Calbag Meta	ıls 245	54 8.5	W 492	27 NW Front	Tom Gainer	PH Letter Agr for XPA (1/01)	XPA	03/06/06	Overland Transport/Sheet Flow	N/A	N/A	N/A	N/A	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Calbag Meta	ıls 245	54 8.5	W 492	27 NW Front	Tom Gainer	PH Letter Agr for XPA (1/01)	XPA	03/06/06	Bank Erosion	N/A	N/A	N/A	N/A	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Calbag Meta	ıls 245	54 8.5	W 492	27 NW Front	Tom Gainer	PH Letter Agr for XPA (1/01)	XPA	03/06/06	Groundwater	N/A	N/A	N/A	N/A	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Calbag Meta	ıls 245	54 8.5	i W 492	27 NW Front	Tom Gainer	PH Letter Agr for XPA (1/01)	XPA	08/02/10	Stormwater	Completed			Pathway is complete	Medium	Medium	EPA reviewed and commented on preliminary SCD, 6/2004	alternatives evaluation completed, submitted to EPA 9/2005	stormwater catch basin in-line cleanout, stormwater BMPs, monitoring	SCM SCD finalized 11/2005, EPA commented	stormwater catch basin in-line cleanout, stormwater BMPs, monitoring		New data resulted in DEQ reopening project and reviewing the adequacy of the 2005 source control action. Re evaluate stormwater solids fall 2010		EPA reviewed and commented 11/2005	
Calbag Meta	ils 245	54 8.5	W 492	27 NW Front	Tom Gainer	PH Letter Agr for XPA (1/01)	XPA	03/06/06	Overwater Activities	N/A	N/A	N/A	N/A	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Calbag Meta	ıls 245	54 8.5	W 492	27 NW Front	Tom Gainer	PH Letter Agr for XPA (1/01)	XPA	03/06/06	Other	N/A	N/A	N/A	N/A	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Texaco Produ Pipeline	211	17 8.7	VV F	1500 Block Front Ave.	Matt McClincy	PH Agr for RI/SCM (8/00)	RI	08/09/10	Overland Transport/Sheet Flow	N/A	N/A	N/A	N/A	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Texaco Produ Pipeline	^{JCt} 211	17 8.7		1500 Block Front Ave.	Matt McClincy	PH Agr for RI/SCM (8/00)	RI	08/09/10	Bank Erosion	N/A	N/A	N/A	N/A	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Texaco Produ Pipeline	uct 211	17 8.7		1500 Block Front Ave.	Matt McClincy	PH Agr for RI/SCM (8/00)	RI	08/09/10	Groundwater	Ongoing	Review of Guilds Lake Rail Yard data and Gunderson data	4th quarter 2010	Waiting on SCE to be completed	p Low	p Low	Waiting for SCE to be completed.									
Texaco Produ Pipeline		17 8.7		1500 Block Front Ave.	Matt McClincy	PH Agr for RI/SCM (8/00)	RI	08/09/10	Stormwater	N/A	N/A	N/A	N/A	none	p 2011	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Texaco Produ Pipeline		17 8.7		1500 Block Front Ave.	Matt McClincy	PH Agr for RI/SCM (8/00)	RI	08/09/10	Overwater Activities	N/A	N/A	N/A	N/A	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Texaco Produ Pipeline	^{uct} 211	17 8.7	W 4	1500 Block Front Ave.	Matt McClincy	PH Agr for RI/SCM (8/00)	RI	08/09/10	Other	N/A	N/A	N/A	N/A	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Container Recovery		15 8.8	390	00 NW Yeon	Karen Tarnow	Pre-PH VCP Letter Agr for RI/FS	conditional NFA 2004	11/04/09	Overland Transport/Sheet Flow	N/A	N/A	N/A	N/A	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Container Recovery		15 8.8	390	00 NW Yeon	Karen Tarnow	Pre-PH VCP Letter Agr for RI/FS	conditional NFA 2004	11/04/09	Bank Erosion	N/A	N/A	N/A	N/A	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Container Recovery		15 8.8	390	00 NW Yeon	Karen Tarnow	Pre-PH VCP Letter Agr for RI/FS	conditional NFA 2004		Groundwater	Completed			Insignificant pathway; no actions recommended	Low	Low	N/A		No SCM needed							
Container Recovery		15 8.8	390	00 NW Yeon	Karen Tarnow	None	conditional NFA 2004		Stormwater	Deferred	Stormwater characterization	No current schedule.	Waiting on SCE to be completed	to be determined		Waiting on SCE completion									
Container Recovery		15 8.8	W 390	00 NW Yeon	Karen Tarnow		NFA 2004	11/04/09	Overwater Activities	N/A	N/A	N/A	N/A	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Container Recovery	404	15 8.8		00 NW Yeon		Pre-PH VCP Letter Agr for RI/FS	conditional NFA 2004	11/04/09	Other	N/A	N/A	N/A	N/A	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Christensen	Oil 242	26 8.9	VV	821 NW St Helens	Rapp	VCP Letter Agr for PA (8/00)	XPA	07/27/10	Overland Transport/Sheet Flow	N/A	N/A	N/A	N/A	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Christensen	Oil 242	26 8.9		821 NW St Helens	Shawn Rapp	VCP Letter Agr for PA (8/00)	XPA	07/27/10	Bank Erosion	N/A	N/A	N/A	N/A	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

	Con	firme	ed or s	suspected so	ources of o	contamination to the	ne river				Source Con	trol Evolu	ation (SCE)				Saura	o Control	Docisions	(SCDa) an	d Status of	Source Con	tral M	acurac /	(SCMe)
	S	ite ir	nforn	nation		Projec	t status				Source Con	troi Evaiu	ation (SCE)				Sourc	e Control	Decisions	(SCDS) an	iu Status oi	Source Con	ti Oi ivie	easures (SCIVIS)
						Type of agreement		Date last					Basis for determination need		control is	Status of EPA	Source control		Status of EPA	SCM activities	Mass or volume of	Additonal Proposed	Date SCM	Status of EPA	Operaton and
Site nam	e ECS		liver nile	Address	DEQ PM	directing source control	Project status	modified (m-d-y)	SCE Pathway	Status of SCE	Major SCE tasks to be completed	Schedule for completing SCE	Pathway determination	Pathway priority	Site priority	review of SCE decision	alternatives evaluation and schedule (m-y)	Selected SCMs	review of SCM selection decision	completed to date (m-y)	contaminants controlled	SCM activities to be done and schedule (m-	completed (m-y)	review of completed SCM	maintenance requirements
													Tallway determination	level	level							у)		·	
Christensen	Oil 242	26 8.	.9 W	3821 NW St Helens	Shawn Rapp	VCP Letter Agr for PA (8/00)	XPA	07/27/10	Groundwater	Ongoing	Part of Stormwater Assessment	3rd Qtr 2011	to be determined	to be determined	p Med	Waiting on SCE to be completed;		Product recovery from groundwater - dual phase extraction							
Christensen				3821 NW St Helens 3821 NW St	Shawn Rapp	VCP Letter Agr for PA (8/00)	XPA	07/27/10	Stormwater	Ongoing	Storm water sampling per JSCS and evaluation of groundwater preferential flow to storm sewer	3rd Qtr 2011	Waiting on SCE to be completed	p Med		Waiting on SCE to be completed;	N/A	Storm water BMPs and filtering catch basin sediment	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Christensen	Oil 242	26 8.	.9 W	Helens	Shawn Rapp	(8/00)	XPA	07/27/10	Overwater Activities	N/A	N/A	N/A	N/A	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Christensen	Oil 242	26 8.9	.9 W	3821 NW St Helens	Shawn Rapp	VCP Letter Agr for PA (8/00)	XPA	07/27/10	Other	N/A	N/A	N/A	N/A	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Texaco Terminal	16	8.9	.9 W	3800 NW St Helens	Matt McClincy	PH Agr for RI/SCM (8/00)	RI	08/09/10	Overland Transport/Sheet Flow	N/A	N/A	N/A	N/A	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Texaco Terminal	16	69 8.	.9 W	3800 NW St Helens	Matt McClincy	PH Agr for RI/SCM (8/00)	RI	08/09/10	Bank Erosion	N/A	N/A	N/A	N/A	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Texaco Terminal	16	69 8.3	.9 W	3800 NW St Helens	Matt McClincy	PH Agr for RI/SCM (8/00)	RI	08/09/10	Groundwater	Ongoing	2nd Quarter 2011	2nd Quarter 2011	Waiting on SCE to be completed	p Low	p Low	Waiting for SCE to be completed.									
Texaco Terminal	16	69 8.9	.9 W	3800 NW St Helens	Matt McClincy	PH Agr for RI/SCM (8/00)	RI	08/09/10	Stormwater	Ongoing	Evaluating groundwater infiltration to storm sewer system	2nd Quarter 2011	Waiting on SCE to be completed	to be determined		Waiting on SCE to be completed									
Texaco Terminal	16	8.9	.9 W	3800 NW St Helens	Matt McClincy	PH Agr for RI/SCM (8/00)	RI	08/09/10	Overwater Activities	N/A	N/A	N/A	No known current sources (spills reported to OERS)	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Texaco Terminal	16	89 8.9	.9 W	3800 NW St Helens	Matt McClincy	PH Agr for RI/SCM (8/00)	RI	08/09/10	Other	N/A	N/A	N/A	N/A	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Vanwater a Rogers (Uni		30 9	9 W	3950 NW Yeon Ave	EPA lead; Holly Arrigoni	RCRA Coreective Action Order	Corrective Measures Implement ation	08/05/10	Overland Transport/Sheet Flow	N/A	NA	NA	NA	None		N/A									
Vanwater a Rogers (Uni	ind var) 33	30 9	9 W	3950 NW Yeon Ave	EPA lead; Holly Arrigoni	RCRA Corrective Action Order	Corrective Measures Implement ation	08/05/10	Bank Erosion	N/A	NA	NA	NA	None		N/A									
Vanwater a Rogers (Uni	and 33	30 9	9 W	3950 NW Yeon Ave	EPA lead; Holly Arrigoni	RCRA Corrective Action Order	Corrective Measures Implement ation	08/05/10	Groundwater	Completed			Groundwater under control		to be determin ed	NA	Corrective Measures Study Completed 4/21/06	Soil Vapor Extraction and Groundwater Pump and Treat	Completed	Soil Vapor Extraction and Groundwater Pump and Treat	468,000 lbs	Optimization of SVE and Groundwater Extraction Systems/2008 through 2010			Ongoing maintenance of SVE wells, extraction wells and treatment system
Vanwater a Rogers (Uni		30 9	9 W	3950 NW Yeon Ave	EPA lead; Holly Arrigoni	RCRA Corrective Action Order	Corrective Measures Implement ation	08/05/10	Stormwater	Ongoing	Stormwaer Pathway Evaluation	1st Quarter 2011	Waiting on SCE to be completed			NA	Planned for 2nd Quarter 2011							,	
Vanwater a Rogers (Uni		30 9	9 W	3950 NW Yeon Ave	EPA lead; Holly Arrigoni	RCRA Corrective Action Order	Corrective Measures Implement ation	08/05/10	Overwater Activities	N/A	NA	NA	NA	None		NA									
Vanwater a Rogers (Uni		30 9	9 W	3950 NW Yeon Ave	EPA lead; Holly Arrigoni	RCRA Corrective Action Order	Corrective Measures Implement ation	08/05/10	Other																
Guilds Lake Yard	RR 10	00 9.	.0 W 3	3500 NW Yeon	Jim Orr	PH Agr for RI/SCM (12/02)	RI	07/30/10	Overland Transport/Sheet Flow	N/A	N/A	N/A	N/A	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Guilds Lake Yard	RR 10	00 9.	.0 W 3	3500 NW Yeon	Jim Orr	PH Agr for RI/SCM (12/02)	RI	07/30/10	Bank Erosion	N/A	N/A	N/A	N/A	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Guilds Lake Yard	RR 10	00 9.0	.0 W 3	3500 NW Yeon	Jim Orr	PH Agr for RI/SCM (12/02)	RI	07/30/10	Groundwater	Ongoing	GW Investigation ongoing	3rd Qtr 2011	Waiting on SCE to be completed	p Low		Waiting on SCE to be completed									
Guilds Lake Yard	RR 10	00 9.4	.o w 3	3500 NW Yeon	Jim Orr	PH Agr for RI/SCM (12/02)	RI	07/30/10	Stormwater	Ongoing	SW Investigation ongoing;	3rd Qtr 2011	Waiting on SCE to be completed	p Low	p Low	Waiting on SCE to be completed									
Guilds Lake Yard	RR 10	00 9.0	.0 W 3	3500 NW Yeon	Jim Orr	PH Agr for RI/SCM (12/02)	RI	07/30/10	Overwater Activities	N/A	N/A	N/A	N/A	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Part		Confir	med or	suspected s	ources of	contamination to the	ne river				Sauraa Can	trol Evalu	uation (SCE)				Source	o Contro	Dooisions	· (SCDs) ar	nd Status o	f Source Con	tral M	nacurac /	SCMs)
Part		Site	e infor	mation		Projec	t status				Source Con	itroi Evait	1			I	Sourc	e Control	Decisions	(SCDS) al	iu Status o	Source Con	ILI OI W	easures (SCIVIS)
Care	Site name	ECSI#		Address	DEQ PM	directing source		modified	SCE Pathway				need	Pathway priority	Site priority	Status of EPA review of SCE	alternatives evaluation	Selected SCMs	review of SCM	completed to date	contaminants	SCM activities to be done and schedule (m-	completed	review of	Operaton and maintenance requirements
March Marc	Guilds Lake RF Yard	100	9.0 W	3500 NW Yeor	Jim Orr	PH Agr for RI/SCM (12/02)	RI	07/30/10	Other	N/A	N/A	N/A	N/A		level	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Part	Gunderson	1155	9.0 W	4350 SW Fron			RI	08/05/10	Transport/Sheet Flow -	N/A		N/A	N/A	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Section Column	Gunderson	1155	9.0 W	4350 SW Fron	Shawn	Pre-PH VCP Formal	RI	08/05/10	Overland Transport/Sheet Flow -	Ongoing	DEQ review of Focused Area 2 RI report & source control	DEQ's review of Focused Area 2 RI	Pathway is complete	p High											
Part	Gunderson	1155	9.0 W	4350 SW Fron			RI	08/05/10		Ongoing	RI report & source control	TBD pending DEQ's review of	Pathway is complete	p High											
The column The	Gunderson	1155	9.0 W	4350 SW Fron	Shawn	Pre-PH VCP Formal	RI	08/05/10		Ongoing	Survey of erodible soils, follow-			p Low		Waiting on SCE									
Control Cont	Gunderson	1155	9.0 W	4350 SW Fron	Shawn	Pre-PH VCP Formal	RI	08/05/10	Bank Erosion - Area 2	Ongoing	Bank characterization needs to	1st Quarter 2011		High			rejected by DEQ for lack of data, sampling work plans and FFS revisions	Interim SCMs being considered: excavation of soil/blastsand grit, engineered sediment/grit traps, selected area revegetation, and additional operations reviews &		currently includes shrouding work areas during barge welding &					
10 20 / 10	Gunderson	1155	9.0 W	4350 SW Fron			RI	08/05/10	Bank Erosion - Area 3	Ongoing		1st Quarter 2011	Pathway is complete	High	High		Area 3 FFS revisions based on Area 2 FFS	Interim SCMs being considered include soil excavation, selected area revegetation, and engineered bank							
Contract	Gunderson	1155	9.0 W	4350 SW Fron		Pre-PH VCP Formal Agr for RI/FS (1994)	RI	08/05/10		N/A	N/A	N/A	sources (spills will be	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Constraint 15 15 15 15 15 15 15 1	Gunderson	1155	9.0 W	4350 SW Fron	Shawn	Pre-PH VCP Formal	RI	08/05/10	Groundwater - Area 1	Ongoing	groundwater screening to	1st Qtr 2011	Groundwater is a complete pathway, VOC plume migrating to/under	p Med			completed, EPA comments received	containment and source removal	EPA 2/2003, EPA comments received	systems installed		effectiveness evaluation(s). Schedule			Quarterly performance monitoring and reporting
Section 150 20 W 250 DW Form Rapp Agric RIFS (1996) M 200 DW 250	Gunderson	1155	9.0 W	4350 SW Fron			RI	08/05/10	Groundwater - Area 2	Ongoing		1st Qtr 2011													
Gurderson 156 20 W ASSO SW First State Pape HV CP First Agric RISS (1994) RI 0805/10 Stormwater - Area 2 Ongoing Stormwater - Area 3	Gunderson	1155	9.0 W	4350 SW Fron			RI	08/05/10	Groundwater - Area 3	Ongoing		1st Qtr 2011	Pathway is complete	p Med											
Purple Condestroom 155 0.0 W 250 SW From Play From	Gunderson	1155	9.0 W	4350 SW Fron			RI	08/05/10	Stormwater - Area 1	Ongoing	plan (10/08) and catch basin sediment sampling report	2nd Quarter 2011		p Med						include catch basin filter inserts & annual clean-out of catch					
Gunderson 155 9.0 W 450 SW From Rapp Per-PyrOPF From Rapp	Gunderson	1155	9.0 W	4350 SW Fron			RI	08/05/10	Stormwater - Area 2	Ongoing	launchways - piping and	2nd Quarter 2011	Pathway is complete	p High				design include, legacy sediment		include catch basin filter inserts, annual					
Solid Control 150 20 20 30 30 30 30 30 3	Gunderson	1155	9.0 W	4350 SW Fron	Rapp	Agr for RI/FS (1994)	RI	08/05/10	Stormwater - Area 3	Completed		2nd Quarter 2011	Pathway is complete	High			review of RI report and 2008/2009 storm water	& interim SCMs being considered		include catch basin filter inserts, annual					
Contract Mig 115 9.2 E 5400 N Basin Nike PH Agr for RISCM RI 06/30/10 Stormwater September S		1155	9.0 W	4350 SW Fron		Agr for RI/FS (1994)	RI	08/05/10	Other	N/A	N/A	N/A	N/A	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
CParts Mig 115 9.2 E 5400 N Basin N/A	(Parts Mfg	115	9.2 E	5400 N Basin			RI	06/30/10		N/A	N/A	N/A	N/A	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Parts Mfg 115 9.2 E 5400 N Basin School Freightliner (Parts Mfg Plant) 115 9.2 E 5400 N Basin School Stormwater School School Stormwater School Sch	(Parts Mfg	115	9.2 E	5400 N Basin			RI	06/30/10	Bank Erosion	N/A	N/A	N/A	N/A	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Freightliner (Parts Mfg Plant) Freightliner (Parts Mfg Interest Plants Mfg Interest P	(Parts Mfg	115	9.2 E	5400 N Basin			RI	06/30/10	Groundwater	Ongoing		1st Qtr 2011	to be determined	p Low	plow										
Freightliner	(Parts Mfg Plant)	115	9.2 E	5400 N Basin			RI	06/30/10	Stormwater	Ongoing		1st Qtr 2011			F =0			cleanout of stormwater system prior to completing							
	(Parts Mfg	115	9.2 E	5400 N Basin			RI	06/30/10	Overwater Activities	N/A	N/A	N/A	N/A	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

	Confir	rmed or	suspected	sources of	contamination to the	he river				Source Con	tral Evalu	otion (CCE)				Coura	o Contro	l Desision	(CCDs) or	ad Ctatua at	f Source Con	tral Ma	2001120 /	
	Sit	e infori	mation		Projec	t status	1		I	Source Con	Turoi Evait				T	Sourc	e Contro	Decisions	(3CDS) ai	iu Status of	Source Con	ILI OI IVIE	easures (
Site name	ECSI #	River mile	Address	DEQ PM	Type of agreement directing source	Project	Date last modified	SCE Pathway	Status of	Major SCE tasks to be	Schedule for	Basis for determination need		Site	Status of EPA review of SCE	Source control alternatives evaluation	Selected SCMs	Status of EPA review of SCM	SCM activities completed to date	Mass or volume of contaminants	Additional Proposed SCM activities to be	Date SCM completed	Status of EPA review of	Operaton and maintenance
		mile			control	status	(m-d-y)		SCE	completed	completing SCE	Pathway determination	priority level	priority level	decision	and schedule (m-y)		selection decision	(m-y)	controlled	done and schedule (m- y)	(m-y)	completed SCM	requirements
Freightliner (Parts Mfg Plant)	115	9.2 E	5400 N Basin	Mike Romero	PH Agr for RI/SCM (12/02)	RI	06/30/10	Other	N/A	N/A	N/A	N/A	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Container Management	4784	9.3W	3000 NW St Helens Rd	Jim Orr	Leter Agreement for Stormwater Assessment and Source Control 5/26/08	SCE	07/29/10	Overland Transport/Sheet Flow	N/A	N/A	N/A	N/A	N/A		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Container Management	4784	9.3W	3000 NW St Helens Rd	Jim Orr	Leter Agreement for Stormwater Assessment and Source Control 5/26/08	SCE	07/29/10	Bank Erosion	N/A	N/A	N/A	N/A	N/A		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Container Management	4784	9.3W	3000 NW St Helens Rd	Jim Orr	Leter Agreement for Stormwater Assessment and Source Control 5/26/08	SCE	07/29/10	Groundwater Investigation of Dry Wells Only	Ongoing	Complete characterization	TBD	Waiting on SCE to be completed	p Low		Waiting on SCE completion									
Container Management	4784	9.3W	3000 NW St Helens Rd	Jim Orr	Leter Agreement for Stormwater Assessment and Source Control 5/26/08	SCE	07/29/10	Stormwater	Ongoing	Complete characterization	TBD	Waiting on SCE to be completed	p Med	p Med	Waiting on SCE completion									
Container Management	4787	9.3W	3000 NW St Helens Rd	Jim Orr	Leter Agreement for Stormwater Assessment and Source Control 5/26/08	SCE	07/29/10	Overwater Activities	N/A	N/A	N/A	N/A	N/A		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Container Management	4784	9.3W	3000 NW St Helens Rd	Jim Orr	Leter Agreement for Stormwater Assessment and Source Control 5/26/08	SCE	07/29/10	Other	N/A	N/A	No current schedule.	Waiting on SCE to be completed	to be determined		Waiting on SCE completion (m-y)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Columbia American Plating	29	9.3W	3003 NW 35th Ave	Mark Pugh	Consent Judgment	SCE	05/25/10	Overland Transport/Sheet Flow	N/A	N/A	N/A	N/A	none		n/a	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Columbia American Plating	29	9.3W	3003 NW 35th Ave	Mark Pugh	Consent Judgment	SCE	05/25/10	Bank Erosion	N/A	N/A	N/A	N/A	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Columbia American Plating	29	9.3W	3003 NW 35th Ave	Mark Pugh	Consent Judgment	SCE	05/25/10	Groundwater	Completed	N/A	N/A	Incomplete pathway	none	p Low	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Columbia American Plating	29	9.3W	3003 NW 35th Ave	n Mark Pugh	Consent Judgment	SCE	05/25/10	Stormwater	Completed	None	SCE will be submitted with performance monitoriing expected 3rd Qtr 2011	Pathway is complete	p Low		Waiting on SCE completion	Waiting on SCE completion	Line Cleanout completed and new stormwater system constructed 2010	pending SCD	Line Cleanout completed	3,740 gallons of standing water and storm line cleanout water removed; 2.50 tons in-line sediment disposed of as F-listed	Performance monitoring 4th Qtr 2010 - 2nd Qtr 2011	TBD	TBD	TBD
Columbia American Plating	29	9.3W	3003 NW 35th Ave	Mark Pugh	Consent Judgment	SCE	05/25/10	Overwater Activities	N/A	N/A	N/A	N/A	none		N/A	N/A	N/A	N/A	N/A	waste.	N/A	N/A	N/A	N/A
Columbia American Plating	29	9.3W	3003 NW 35th Ave	Mark Pugh	Consent Judgment	SCE	05/25/10	Other	N/A	N/A	N/A	N/A	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Wilhelm Trucking	69	9.3W	3250 and 307 NW St. Helen: Road	4 s Jim Orr	Letter Agreement for Stormwater Assessment and Source Control 5/26/08	SCE	07/29/10	Overland Transport/Sheet Flow	N/A	N/A	N/A	N/A	N/A		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Wilhelm Trucking	69	9.3W	3250 and 3074 NW St Helens Road		Letter Agreement for Stormwater Assessment and Source Control 5/26/08	SCE	07/29/10	Bank Erosion	N/A	N/A	N/A	N/A	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Wilhelm Trucking	69	9.3W	3251 and 3074 NW St Helens Road		Letter Agreement for Stormwater Assessment and Source Control 5/26/08	SCE	07/29/10	Groundwater	N/A	N/A	NA	N/A	none	p Med	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Wilhelm Trucking	69	9.3W	3252 and 3074 NW St Helens Road		Letter Agreement for Stormwater Assessment and Source Control 5/26/08	SCE	07/29/10	Stormwater	Ongoing	Work plan under review	4th Quarter 2010 est	to be determined	p Med	b Med	Waiting on SCE completion									
Wilhelm Trucking	69	9.3W	3253 and 3074 NW St Helens Road		Letter Agreement for Stormwater Assessment and Source Control 5/26/08	SCE	07/29/10	Overwater Activities	N/A	N/A	NA	N/A	N/A		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Wilhelm Trucking	69		3250 and 307- NW St. Helen: Road		Letter Agreement for Stormwater Assessment and Source Control 5/26/08	SCE	07/29/10	Other	N/A	N/A	N/A	N/A	N/A		N/A	NA	NA	NA	NA	NA	NA	NA	NA	N/A
GE Decommis- sioning	4003	9.5 W	2727 NW 29th	Tom Gainer	PH Agr for XPA (1/04)	XPA	08/02/10	Overland Transport/Sheet Flow	N/A	N/A	N/A	N/A	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GE Decommis- sioning	4003	9.5 W	2727 NW 29th	Tom Gainer	PH Agr for XPA (1/04)	XPA	08/02/10	Bank Erosion	N/A	N/A	N/A	N/A	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

				•	ources of	contamination to th					Source Con	trol Evalu	ration (SCF)				Sourc	e Contro	Decisions	s (SCDs) ar	nd Status o	f Source Con	trol M	easures ((SCMs)
	S	ite inf	forma	ation		Projec	t status				Cource Con	TO EVAIG	Basis for determination	that source	control is		Court		Decisions	(00D3) ai	la otatas o		101 101	casares (001113)
Site name	ECS	I# Riv	ver	Address	DEQ PM	Type of agreement directing source	Project	Date last modified	SCE Pathway	Status of	Major SCE tasks to be	Schedule for	need		Site	Status of EPA review of SCE	Source control alternatives evaluation	Selected SCMs	Status of EPA review of SCM	SCM activities completed to date	Mass or volume of contaminants	Additonal Proposed SCM activities to be	Date SCM completed	Status of EPA review of	Operaton and maintenance
		mı	ile			control	status	(m-d-y)	·	SCE	completed	completing SCE	Pathway determination		priority	decision	and schedule (m-y)		selection decision	(m-y)	controlled	done and schedule (m- y)	(m-y)	completed SCM	requirements
GE Decomm	nis- 400	9.5	5 W 27	727 NW 29th	Tom Gainer	PH Agr for XPA (1/04)	XPA	08/02/10	Groundwater	Ongoing	Review draft SCE	3rd Quarter 2011	N/A	p Low		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GE Decomn sioning	nis- 400	9.5	5 W 27	727 NW 29th	Tom Gainer	PH Agr for XPA (1/04)	XPA	08/02/10	Stormwater	Completed		2/06 SCE Report submitted	Pathway is complete	Medium	Medium	Done	SCM implementation report summer 2007	Removal of PCB contaminated sediment from onsite catch basins and pipes, new CBs/filters, new pipes, paving		1st qtr. 2007			11/25/08 Post-SCM monitoring completed		Continued BMPs
GE Decomn sioning	nis- 400	9.5	5 W 27	727 NW 29th	Tom Gainer	PH Agr for XPA (1/04)	XPA	08/02/10	Overwater Activities	N/A	N/A	N/A	N/A	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Galvanizer Company		9.6	6 W 24	406 NW 30th	Jim Orr	PH Agr for XPA (10/03)	XPA	07/29/10	Overland Transport/Sheet Flow	N/A	N/A, site located ~4,500 feet from river	N/A	N/A	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Galvanizer Company		9.6	5 W 24	406 NW 30th	Jim Orr	PH Agr for XPA (10/03)	XPA	07/29/10	Bank Erosion	N/A	N/A, site located ~4,500 feet from river	N/A	N/A	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Galvanizer Company		9.6	5 W 24	406 NW 30th	Jim Orr	PH Agr for XPA (10/03)	XPA	07/29/10	Groundwater	Ongoing	Draft SCE in review	4th Qtr 2010	Pathway is complete	p Med		Waiting on SCE to be completed.									
Galvanizer Company		9.6	3 W 24	406 NW 30th	Jim Orr	PH Agr for XPA (10/03)	ХРА	07/29/10	Stormwater	Ongoing	Draft SCE in review	4th Qtr 2010	Pathway is complete	p Med	p Med	Waiting on SCE to be completed.		Stormwater RX System Installed and Operational		Collecting/reusing Main Plant canopy roof run-off in galvanizing process (5/07), repairing/sealing pavement in NE plant yard (8/07).		Sealing unused/unecessary connections to City piping (Winter 2008), site paving and pavement sealing (Summer 2008)			Maintenance of Stormwater RX System
Galvanizer Company		9.6	6 W 24	406 NW 30th	Jim Orr	PH Agr for XPA (10/03)	XPA	07/29/10	Overwater Activities	N/A	N/A, site located ~4,500 feet from river	N/A	N/A	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Galvanizer Company		9.6	6 W 24	406 NW 30th	Jim Orr	PH Agr for XPA (10/03)	XPA	07/29/10	Other	N/A	N/A	N/A	N/A	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Paco Pump	os 146	6 9.6	6 W 25	551 NW 30th	Jim Anderson	ICP Agreement (01/03/07)	NFA	01/24/08	Overland Transport/Sheet Flow	N/A	N/A	N/A	N/A	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Paco Pump	os 146	6 9.6	S W 25	551 NW 30th	Jim Anderson	ICP Agreement (01/03/07)	NFA	01/24/08	Bank Erosion	N/A	N/A	N/A	N/A	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Paco Pump	os 146	6 9.6	6 W 25	551 NW 30th	Jim Anderson	ICP Agreement (01/03/07)	NFA	01/24/08	Groundwater	N/A	N/A	N/A	N/A	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Paco Pump	os 146	6 9.6	S W 25	551 NW 30th	Jim Anderson	ICP Agreement (01/03/07)	NFA	01/24/08	Stormwater	Completed	N/A		No current pathway; legacy solids in storm lines to be investigated	Low	Low	Waiting on SCE completion									
Paco Pump	os 146	6 9.6	S W 25	551 NW 30th	Jim Anderson	ICP Agreement (01/03/07)	NFA	01/24/08	Overwater Activities	N/A	N/A	N/A	N/A	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Paco Pump	os 146	6 9.6	5 W 25	551 NW 30th	Jim Anderson	ICP Agreement (01/03/07)	NFA	01/24/08	Other	N/A	N/A	N/A	N/A	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Port of Portla Terminal 2		9 10.0	0 W 35	556 NW Front	Tom Gainer	IGA	XPA	02/19/09	Overland Transport/Sheet Flow	N/A	N/A	N/A	N/A	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Port of Portla Terminal 2		10.0	0 W 35	556 NW Front	Tom Gainer	IGA	XPA	02/19/09	Bank Erosion	N/A	N/A	N/A	N/A	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Port of Portla Terminal 2		10.0	0 W 35	556 NW Front	Tom Gainer	IGA	XPA	08/02/10	Groundwater	Ongoing		4th Qtr 2010	Insignificant pathway; no actions recommended	p Low	p Low	Waiting on SCE to be completed									
Port of Portla Terminal 2		10.0	0 W 35	556 NW Front	Tom Gainer	IGA	XPA	08/02/10	Stormwater	Ongoing	Evaluate stormwater system	4th Qtr 2010	Waiting on SCE to be completed	to be determined	p Low	Waiting on SCE to be completed									
Port of Portla Terminal 2		9 10.0	0 W 35	556 NW Front	Tom Gainer	IGA	XPA	02/19/09	Overwater Activities	N/A	N/A	N/A	N/A	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Port of Portla Terminal 2		10.0	0 W 35	556 NW Front	Tom Gainer	IGA	XPA	02/19/09	Other	N/A	N/A	N/A	N/A	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Calbag Meta	als 505	9 10.1	1 W ²⁴⁹	195 NW Nicoli St.	Jim Orr	Letter Agreement for Source Control Assessment 2009	SCE	07/28/10	Overland Transport/Sheet Flow	N/A	N/A	N/A	N/A	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Calbag Meta	als 505	10.1	1 W 249	95 NW Nicoli St.	Jim Orr	Letter Agreement for Source Control Assessment 2009	SCE	07/28/10	Bank Erosion	N/A	N/A	N/A	N/A	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Calbag Meta	als 505	10.1	1 W ²⁴⁹	195 NW Nicoli St.	Jim Orr	Letter Agreement for Source Control Assessment 2009	SCE	07/28/10	Groundwater	Ongoing	Two quarters of GW monitoring complete. Final report due in October 2010. No significant issues.	December 2010	Pathway is complete	none		Waiting on SCE completion (m-y)	evaluation to be part of upland FS; schedule for completing draft/final: December 2010	No SCM needed	June 2011 Tenative Date	N/A	N/A	N/A	N/A	Review Pending. SCA not submitted.	no alternatives evaluation needed

			•	ources of	contamination to th	ne river				Source Con	trol Evalu	ation (SCE)				Source	e Control	Decisions	· (SCDe) an	d Status of	f Source Con	trol Ma	asures ((SCMe)
	Site	infor	mation		Project	t status				Jource Con	LIOI Evalu		that aguras	antral in	I	Source	Control	Decisions	(OCDS) and	u Status U	Todarce Con	ti Oi ivid	zasures (JOINIS)
Site name	ECSI#	River	Address	DEQ PM	Type of agreement directing source	Project	Date last modified	SCE Pathway	Status of	Major SCE tasks to be	Schedule for	Basis for determination need	ded		Status of EPA review of SCE	Source control alternatives evaluation	Selected SCMs	Status of EPA review of SCM	SCM activities completed to date	Mass or volume of contaminants	Additonal Proposed SCM activities to be	Date SCM completed	Status of EPA review of	Operaton and maintenance
Site name	ECSI#	mile	Address	DEGPIN	control	status	(m-d-y)	SCE Patriway	SCE	completed	completing SCE	Pathway determination		Site	decision	and schedule (m-y)	Selected SCIVIS	selection decision	(m-y)	controlled	done and schedule (m- y)	(m-y)	completed SCM	
Calbag Metals	5059	10.1 W	2495 NW Nicoli St.	Jim Orr	Letter Agreement for Source Control Assessment 2009	SCE	07/28/10	Stormwater	Ongoing	Pilot study to evaluate surface washing of PCB contaminaiton is complete. Focused Feaseability Study in production. Most likely surface capping and SW treatment.	No current schedule.	Pathway is complete	Medium	Medium	Waiting on SCE completion (m-y)	evaluation to be part of upland FS; schedule for completing draft/final: August 2011	stormwater catch basin in-line cleanout, stormwater BMPs, asphalt and concrete surface capping/sealing, Stormwater RX System Installation, and monitoring	June 2011 Tenative Date	stormwater catch basin in-line cleanout, stormwater BMPs, monitoring		ongoing stormwater monitoring through spring 2011	August 2011	Review Pending. SCA not Submitted.	effectiveness monitoring
Calbag Metals	5059	10.1 W	2495 NW Nicoli St.	Jim Orr	Letter Agreement for Source Control Assessment 2009	SCE	07/28/10	Overwater Activities	N/A	N/A	N/A	N/A	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Calbag Metals	5059	10.1 W	2495 NW Nicoli St.	Jim Orr	Letter Agreement for Source Control Assessment 2009	SCE	07/28/10	Other	N/A	N/A	N/A	N/A	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
UPRR Albina	178	10.3 E	2745 N Interstate	Mike Romero	PH Agr for RI/SCM (3/02)	RI	06/30/10	Overland Transport/Sheet Flow	Submitted	Review document	4th Quarter 2010	SCE complete, DEQ review underway	p Low		Waiting on SCE to be completed									
UPRR Albina	178	10.3 E	2745 N Interstate	Mike Romero	PH Agr for RI/SCM (3/02)	RI	06/30/10	Bank Erosion	Submitted	Review document	4th Quarter 2010	SCE complete, DEQ review underway	p Low		Waiting on SCE to be completed									
UPRR Albina	178	10.3 E	2745 N Interstate	Mike Romero	PH Agr for RI/SCM (3/02)	RI	06/30/10	Groundwater	under revision	Review document	4th Quarter 2010	SCE complete, DEQ review underway	to be determined	p Low	Waiting on SCE to be completed									
UPRR Albina	178	10.3 E	2745 N Interstate	Mike Romero	PH Agr for RI/SCM (3/02)	RI	06/30/10	Stormwater	Submitted	Review document	4th Quarter 2010	SCE complete, DEQ review underway	to be determined	p Low	Waiting on SCE to be completed		RP cleaned out stormwater system prior to completion of							
UPRR Albina	178	10.3 E	2745 N Interstate	Mike Romero	PH Agr for RI/SCM (3/02)	RI	06/30/10	Overwater Activities	N/A	N/A	N/A	N/A	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
UPRR Albina	178	10.3 E	2745 N Interstate	Mike Romero	PH Agr for RI/SCM (3/02)	RI	06/30/10	Other	N/A	N/A	N/A	N/A	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Goldendale Aluminum	2440	10.3 E	2600 N River	Tom Gainer	PH Letter Agr for XPA (2/00)	NFA 5/2004	03/06/06	Overland Transport/Sheet Flow	Completed			Insignificant pathway; no actions recommended	Low		EPA reviewed and commented 5/04		No SCM needed						N/A	
Goldendale Aluminum	2440	10.3 E	2600 N River	Tom Gainer	PH Letter Agr for XPA (2/00)	NFA 5/2004	03/06/06	Bank Erosion	N/A	N/A	N/A	N/A	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Goldendale Aluminum	2440	10.3 E	2600 N River	Tom Gainer	PH Letter Agr for XPA (2/00)	NFA 5/2004	03/06/06	Groundwater	Completed			Insignificant pathway; no actions recommended	Low		EPA reviewed and commented 5/04		No SCM needed						N/A	
Goldendale Aluminum	2440	10.3 E	2600 N River	Tom Gainer	PH Letter Agr for XPA (2/00)	NFA 5/2004	03/06/06	Stormwater	Completed			Insignificant pathway; no actions recommended	Low	Low	EPA reviewed and commented 5/04		No SCM needed						N/A	
Goldendale Aluminum	2440	10.3 E	2600 N River	Tom Gainer	PH Letter Agr for XPA (2/00)	NFA 5/2004	03/06/06	Overwater Activities	N/A	N/A	N/A	N/A	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Goldendale Aluminum	2440	10.3 E	2600 N River	Tom Gainer	PH Letter Agr for XPA (2/00)	NFA 5/2004	03/06/06	Other	N/A	N/A	N/A	N/A	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PGE Substation E	3976	10.4 W	2635 NW Front Ave.	Tom Gainer	VCP	NFA	12/22/06	Overland Transport/Sheet Flow	N/A	N/A	N/A	N/A	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PGE Substation E	3976	10.4 W	2635 NW Front Ave.	Tom Gainer	VCP	NFA	12/22/06	Bank Erosion	N/A	N/A	N/A	N/A	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PGE Substation E	3976	10.4 W	2635 NW Front Ave.	Tom Gainer	VCP	NFA	12/22/06	Groundwater	Completed			Insignificant pathway; no actions recommended	Low	Low	EPA commendted on SCD in 10/06									
PGE Substation E	3976	10.4 W	2635 NW Front Ave.	Tom Gainer	VCP	NFA	12/22/06	Stormwater	N/A	N/A	N/A	N/A	none	LOW	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Confirmed or suspected sources of contamination to the river Site information Project status								Source Control Evaluation (SCE)								Source Control Decisions (SCDs) and Status of Source Control Measures (SCMs)								
	Site information				Projec	t status					T	Basis for determination that source control is												
Site name	ECSI#	River mile	Address	DEQ PM	Type of agreement directing source control	Project status	Date last modified (m-d-y)	SCE Pathway	Status of SCE	Major SCE tasks to be completed	Schedule for completing SCE	Pathway determination	Pathway	Site priority level	Status of EPA review of SCE decision	Source control alternatives evaluation and schedule (m-y)	Selected SCMs	Status of EPA review of SCM selection decision	SCM activities completed to date (m-y)	Mass or volume of contaminants controlled	Additonal Proposed SCM activities to be done and schedule (m- y)	Date SCM completed (m-y)	Status of EPA review of completed SCM	Operaton and maintenance requirements
PGE Substation E	3976	10.4 W	2635 NW Front Ave.	Tom Gainer	VCP	NFA	12/22/06	Overwater Activities	N/A	N/A	N/A	N/A	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PGE Substation E	3976	10.4 W	2635 NW Front Ave.	Tom Gainer	VCP	NFA	12/22/06	Other	N/A	N/A	N/A	N/A	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Sulzer Pump	1235	10.4 W 2	2800 NW Front	Mark Pugh	Letter Agr for XPA (9/02)	SCE	05/25/10	Overland Transport/Sheet Flow	N/A	Qualitative Assessment	N/A	N/A	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
Sulzer Pump	1235	10.4 W 2	2800 NW Front	Mark Pugh	Letter Agr for XPA (9/02)	SCE	05/25/10	Bank Erosion	Completed	None	Pending completion of storm water evaluation	Waiting on SCE to be completed	p Med	p Med	Waiting on SCE to be completed									
Sulzer Pump	1235	10.4 W 2	2800 NW Front	Mark Pugh	Letter Agr for XPA (9/02)	SCE	05/25/10	Groundwater	Ongoing	Need for additional evaluation and possible sampling	4th Quarter 2010	Waiting on SCE to be completed	p Low		Waiting on SCE to be completed									
Sulzer Pump	1235 1	10.4 W 2	2800 NW Front	Mark Pugh	Letter Agr for XPA (9/02)	SCE	05/25/10	Stormwater	Ongoing	Complete SCE sampling and reporting	4th Quarter 2010	Waiting on SCE to be completed	p Med	p med	Waiting on SCE to be completed		Storm line and catch basin cleanout		Cleanout completed in Oct 2006	25 tons of sludge	twice annual cleaning of catch basins			periodic inspection and maintenance; twice annua cleanout
Sulzer Pump	1235 1	10.4 W 2	2800 NW Front	Mark Pugh	Letter Agr for XPA (9/02)	SCE	05/25/10	Overwater Activities	N/A	N/A	N/A	No known current sources (spills reported to OERS)	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Sulzer Pump	1235 1	10.4 W 2	2800 NW Front	Mark Pugh	Letter Agr for XPA (9/02)	SCE	05/25/10	Other	N/A	N/A	N/A	N/A	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Port of Portland Terminal 1 North	3377	10.6 W 2	2200 NW Front	Tom Gainer	PH Agr for RI/SCM	FS	09/01/10	Overland Transport/Sheet Flow	N/A	N/A	N/A	N/A	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Port of Portland Terminal 1 North	3377	10.6 W 2	2200 NW Front	Tom Gainer	PH Agr for RI/SCM	FS	09/01/10	Bank Erosion	N/A	N/A	N/A	N/A	none	1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Port of Portland Terminal 1 North	3377	10.6 W 2	2200 NW Front	Gainer	PH Agr for RI/SCM	FS	09/01/10	Groundwater	Completed			Insignificant pathway; no actions recommended	p Low	p Low	Waiting on SW SCE to be completed									
Terminal 1 North	3377 1	10.6 W 2	2200 NW Front	Tom Gainer	PH Agr for RI/SCM	RI	09/01/10	Stormwater	Ongoing	Complete stormwater sampling by BES	4th Qtr 2010	Waiting on SCE to be completed	p Low		Waiting on SCE to be completed									
Port of Portland Terminal 1 North	3377	10.6 W 2	2200 NW Front	Tom Gainer	PH Agr for RI/SCM	FS	09/01/10	Overwater Activities	N/A	N/A	N/A	N/A	none	<u></u>	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Port of Portland Terminal 1 North	3377	10.6 W 2	2200 NW Front	Tom Gainer	PH Agr for RI/SCM	FS	09/01/10	Other	N/A	N/A	N/A	N/A	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Riverscape (aka Port of Portland T1S)	2642	10.9 W 2	2100 NW Front	Matt McClincy	RD/RA Agreement (06/06/03)	Conditional NFA 6/2003	03/13/06	Overland Transport/Sheet Flow	Completed			Insignificant pathway; no actions recommended	Low		EPA did not review SCD since site was outside PH	;	Soil removal and management plan during development; Deed restrictions						EPA did not review SCD since site was outside PH	
Riverscape (aka Port of Portland T1S)	2642 1	10.9 W 2	2100 NW Front	Matt McClincy	RD/RA Agreement (06/06/03)	Conditional NFA 6/2003	03/13/06	Bank Erosion	Completed			Insignificant pathway; no actions recommended	Low		EPA did not review SCD since site was outside PH		No SCM needed						EPA did not review SCD since site was outside PH	
Riverscape (aka Port of Portland T1S)	2642 1	10.9 W 2	2100 NW Front	Matt McClincy	RD/RA Agreement (06/06/03)	Conditional NFA 6/2003	03/13/06	Groundwater	Completed			Insignificant pathway; no actions recommended	Low	Low	EPA did not review SCD since site was outside PH		No SCM needed						EPA did not review SCD since site was outside PH EPA did not	
Riverscape (aka Port of Portland T1S)	2642 1	10.9 W 2	2100 NW Front	McClincy	RD/RA Agreement (06/06/03)	Conditional NFA 6/2003 Conditional	03/13/06	Stormwater	Completed			Insignificant pathway; no actions recommended	Low		EPA did not review SCD since site was outside PH	3	No SCM needed						review SCD since site was outside PH EPA did not	
(aka Port of Portland T1S)	2642	10.9 W 2	2100 NW Front	Matt McClincy	RD/RA Agreement (06/06/03)	NFA 6/2003	03/13/06	Overwater Activities	Completed			Insignificant pathway; no actions recommended	Low		SCD since site was outside PH		No SCM needed						review SCD since site was outside PH	
Riverscape (aka Port of Portland T1S)	2642		2100 NW Front	Matt McClincy	RD/RA Agreement (06/06/03)	Conditional NFA 6/2003	03/13/06	Other	N/A	N/A	N/A	N/A	none		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Pacificorp	5117	11.6 E A	Multiple sites in Albina Riverlots area		PH Agr for RI/SCM	XPA	07/27/10	Overland Transport/Sheet Flow	N/A	N/A	N/A	N/A	none											
Pacificorp	5117	11.6 E A	Multiple sites in Albina Riverlots area	Dan Hafley	PH Agr for RI/SCM	XPA	07/27/10	Bank Erosion	N/A	N/A	N/A	N/A	none											
Pacificorp	5117	11.6 E A	Multiple sites in Albina Riverlots area	Dan Hafley	PH Agr for RI/SCM	XPA	07/27/10	Groundwater	Ongoing	PA in progress	4th quarter 2010	Waiting on SCE to be completed	p Low				Polester' "							
Pacificorp	5117		Multiple sites in Albina Riverlots area		PH Agr for RI/SCM	XPA	07/27/10	Stormwater	Ongoing	Soil abatement and stormwater monitoirng	1st Qtr 2011	Waiting on SCE to be completed	p Med				Selected soil removals in progress							

Confirmed or suspected source	ontamination to th	e river		October Control Employer (OCE)							October October Desiring (OODs) and Outlook October Management (OOMs)							
Site information	Project status			Source Control Evaluation (SCE)							Source Control Decisions (SCDs) and Status of Source Control Measures (SCMs)							
Site name ECSI # River mile Address DE	EQ PM	Type of agreement directing source control	Project status	Date last modified (m-d-y)	SCE Pathway	Status of SCE	Major SCE tasks to be completed	Schedule for completing SCE	Basis for determination need	that source control ided Pathway Site priority priority level level	Status of EPA	Source control alternatives evaluation and schedule (m-y)	Status of EPA review of SCM selection decision	SCM activities completed to date (m-y)	Mass or volume of contaminants controlled	Additonal Proposed SCM activities to be done and schedule (m- y)	Date SCM completed (m-y) Status of EPA review of completed SCM	Operaton and maintenance requirements
Pacificorp 5117 11.6 E Multiple sites in Albina Riverlots area	n Hafley	PH Agr for RI/SCM	XPA	07/27/10	Overwater Activities	N/A	N/A	N/A	N/A	none								